

**Kendriya Vidyalaya Sangathan, Mumbai Region**  
**Pre-Board I Examination 2025-2026**

**Class-X**

**SUBJECT: ARTIFICIAL INTELLIGENCE (417)**

**Max. Time: 2 Hours**

**Max. Marks: 50**

**General Instructions:**

1. Please read the instructions carefully.
2. This Question Paper consists of 21 questions in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.

**6. SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**

- i. This section has 05 questions.
- ii. Marks allotted are mentioned against each question/part.
- iii. There is no negative marking.
- iv. Do as per the instructions given.

**7. SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**

- i. This section has 16 questions.
- ii. A candidate has to do 10 questions.
- iii. Do as per the instructions given.
- iv. Marks allotted are mentioned against each question/part.

## **SECTION A: OBJECTIVE TYPE QUESTIONS**

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q1.</b> | <b>Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)</b>                                                                                                                                                                                                                                                                                                                                                                  |   |
| i)         | Which of the following is the most effective way to overcome communication barriers?<br>(A) Talking loudly (B) Using technical jargon<br>(C) Active listening (D) Interrupting frequently                                                                                                                                                                                                                                                                   | 1 |
| ii)        | _____ is the capacity to act without being influenced by other people or circumstances.<br>(A) Self-demotivation (B) Self-awareness<br>(C) Self-motivation (D) Self-regulation                                                                                                                                                                                                                                                                              | 1 |
| iii)       | In email communication, "CC" stands for:<br>(A) Central Copy (B) Carbon Copy<br>(C) Closed Communication (D) Common Copy                                                                                                                                                                                                                                                                                                                                    | 1 |
| iv)        | A good business plan includes:<br>(A) Only the company logo (B) Goals, finance, and marketing strategy<br>(C) Random ideas (D) none of the above                                                                                                                                                                                                                                                                                                            | 1 |
| v)         | Paralanguage includes:<br>(A) Facial expression (B) Gestures<br>(C) Tone and pitch of voice (D) Eye contact                                                                                                                                                                                                                                                                                                                                                 | 1 |
| vi)        | _____ means a picture element which is the smallest unit of information that makes up a picture.<br>(A) Vision (B) Pics (C) Pixel (D) Piskel                                                                                                                                                                                                                                                                                                                | 1 |
| <b>Q2.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                                                                                                          |   |
| i)         | AI developers must consider which ethical issue when creating algorithms that could potentially make decisions about human lives in areas like healthcare and law enforcement?<br>(A) AI Access (B) Data Privacy (C) AI Bias (D) AI Ethics                                                                                                                                                                                                                  | 1 |
| ii)        | <b>Statement 1:</b> Hidden layers can have varying numbers of neurons to optimize the learning process.<br><b>Statement 2:</b> The input layer is responsible for transforming data before it reaches the hidden layers.<br>(A) Both Statement 1 and Statement 2 are correct<br>(B) Both Statement 1 and Statement 2 are incorrect.<br>(C) Statement 1 is correct but Statement 2 is incorrect.<br>(D) Statement 2 is correct but Statement 1 is incorrect. | 1 |
| iii)       | _____ can be defined as the fraction of positive cases that are correctly identified.<br>(A) Recall<br>(B) Accuracy<br>(C) Precision<br>(D) Data acquisition                                                                                                                                                                                                                                                                                                | 1 |
| iv)        | The result of comparison between the prediction and reality can be recorded in what we call the _____.<br>(A) Overfitting<br>(B) Problem Scoping<br>(C) Confusion Matrix<br>(D) Data acquisition                                                                                                                                                                                                                                                            | 1 |
| v)         | The word 'laptop' appears once in a collection of 50 documents. What category does it fall into?<br>(A) Stop word (B) Rare word (C) Frequent word (D) Removable word                                                                                                                                                                                                                                                                                        | 1 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| vi) | In the AI project cycle, which of the following represents the correct order of steps?<br>(A) Data Exploration, Problem Scoping, Modelling, Evaluation, Data Acquisition.<br>(B) Problem Scoping, Data Acquisition, Data Exploration, Modelling, Evaluation.<br>(C) Modelling, Data Acquisition, Evaluation, Problem Scoping, Data Exploration.<br>(D) Data Acquisition, Data Exploration, Problem Scoping, Modelling, Evaluation. | 1 |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|

|            |                                                                                                                                                                                                                                                                                                                                                                   |   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q3.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                |   |
| i)         | Which of the following is an example of AI technology?<br>(i) Google Maps showing the fastest route<br>(ii) Smart fridge sending notifications about groceries<br>(iii) A thermostat regulating temperature<br>(iv) A car's fuel gauge showing the fuel level<br>(A) i and iii (B) ii and iv (C) i, ii, and iii (D) None of these (E) All of these                | 1 |
| ii)        | _____ is the technique used to assign a label or category to an entire image based on its content.<br>(A) Object detection (B) Classifications<br>(C) Image segmentation (D) Instance segmentation                                                                                                                                                                | 1 |
| iii)       | Identify the chatbot type: It responds to a predefined set of questions and works on rule-based algorithms.                                                                                                                                                                                                                                                       | 1 |
| iv)        | What does the term 'True Positive' (TP) in a confusion matrix represent?<br>(A) Correctly predicted negative values<br>(B) Incorrectly predicted negative values<br>(C) Correctly predicted positive values<br>(D) Incorrectly predicted positive values                                                                                                          | 1 |
| v)         | _____ refers to the phase in the AI project cycle where we define the problem and determine the objectives of the project.                                                                                                                                                                                                                                        | 1 |
| vi)        | Statement1: There are four layers in a neural network.<br>Statement2: The first layer of the neural network is known as the output layer.<br>(A) Both Statement1 and Statement2 are correct<br>(B) Both Statement1 and Statement2 are incorrect<br>(C) Statement1 is correct but Statement2 is incorrect<br>(D) Statement2 is correct but Statement1 is incorrect | 1 |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q4.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                                                                                          |   |
| i)         | Ananya heard of a technology where machines can understand and generate human language. What is the term used for this AI field?                                                                                                                                                                                                                                                                                                            | 1 |
| ii)        | <b>Statement 1:</b> Reality in AI refers to the actual state of outcomes based on data.<br><b>Statement 2:</b> Prediction is the expected outcome that a model generates based on its learned patterns.<br>(A) Both Statement 1 and Statement 2 are correct.<br>(B) Both Statement 1 and Statement 2 are incorrect.<br>(C) Statement 1 is correct but Statement 2 is incorrect.<br>(D) Statement 2 is correct but Statement 1 is incorrect. | 1 |
| iii)       | Nisha is working on I self-driving car model. She uses a set of collected driving behavior data and records of traffic scenarios. After training the model, she feeds new unseen traffic                                                                                                                                                                                                                                                    | 1 |

|     |                                                                                                                                                                                                                                     |   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | <p>situations to the model. What kind of data is this new unseen data called?</p> <p>(A) Testing Data      (B) Sample Data      (C) Training Data      (D) Evaluation Data</p>                                                      |   |
| iv) | <p>Ravi trained a chatbot using conversations between people who all had a similar communication style. When new users tried the chatbot, it couldn't understand their way of speaking. What concept is being illustrated here?</p> | 1 |
| v)  | <p>How many dimensions does a typical grayscale image have?</p>                                                                                                                                                                     | 1 |
| vi) | <p>Which process in text normalization involves removing common words that add little meaning?</p> <p>(A) Tokenization      (B) Stop word Removal</p> <p>(C) Part-of-Speech Tagging      (D) Named Entity Recognition</p>           | 1 |

| Q5.  | Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)                                                                                                                                                                                                                                                  |   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| i)   | Which evaluation parameter specifically measures the proportion of true positive predictions out of all predicted positive cases?                                                                                                                                                                            | 1 |
| ii)  | Rohan developed a smart photo organizer that sorts images based on the content within them, like nature, people or events. Which domain of AI does his project illustrate?<br>(A) Data Science (B) Natural Language Processing<br>(C) Computer Vision (D) Robotics                                           | 1 |
| iii) | The value of a pixel in an RGB image indicates the bright the colour is, with higher values representing more brightness.<br>(A) Pixel (B) Depth (C) Intensity (D) Resolution                                                                                                                                | 1 |
| iv)  | In the context of text normalization, why is the “Bag of Words” model used?<br>(A) Analyze the sentiment of sentences<br>(B) Represent text as a set of individual words while ignoring grammar and order<br>(C) Encode the meaning of words in context<br>(D) Create structured data from unstructured text | 1 |
| v)   | A ____ image uses shades of gray to represent variations in brightness, typically containing 256 levels of intensity.<br>(A) Color (B) Monochrome (C) Grayscale (D) Bitmap                                                                                                                                   | 1 |
| vi)  | Which scenario is most likely to have a high false negative cost?<br>(A) Missing a cancer diagnosis (B) Identifying a spam email<br>(C) Predicting customer churn (D) Weather forecasting                                                                                                                    | 1 |

## SECTION B: SUBJECTIVE TYPE QUESTIONS

|      |                                                                                                                                    |   |
|------|------------------------------------------------------------------------------------------------------------------------------------|---|
|      | <b>Answer any 3 out of the given 5 questions on Employability Skills (2x3=6M)</b><br><b>Answer each question in 20 – 30 words.</b> |   |
| Q6.  | State any two best practices for effective communication.                                                                          | 2 |
| Q7.  | What is the meaning of stress management?                                                                                          | 2 |
| Q8.  | What are any two ways to protect your data?                                                                                        | 2 |
| Q9.  | Explain any two characteristics or qualities of an entrepreneur.                                                                   | 2 |
| Q10. | How can urban areas be developed to ensure long-term sustainability?.                                                              | 2 |

|      |                                                                                                                                                        |   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|      | <b>Answer any 4 out of the given 6 questions in 20–30 words each (2x4=8M)</b>                                                                          |   |
| Q11. | When browsing online, we frequently see personalized recommendations for products. What AI technology is responsible for this personalization?         | 2 |
| Q12. | Lata wants to train an AI system that can classify emails as either “spam” or “not spam”. Which type of learning is suitable for Lata’s task, and why? | 2 |

|      |                                                                                                                                                                                 |   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Q13. | Kartik is trying to predict house prices based on features like area, number of rooms and location. Which AI model should Kartik use for predicting continuous values, and why? | 2 |
| Q14. | What are the primary differences between Script- bots and Smart-bots?                                                                                                           | 2 |
| Q15. | Differentiate between Computer Vision (CV) and Natural Language Processing (NLP).                                                                                               | 2 |
| Q16. | If the number of true positives is 150, false positives is 30, true negatives is 100 and false negatives is 20, what is the confusion matrix?                                   | 2 |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------|---------|--|-----|----|------------|-----|-----|----|----|----|-----|---|--|
|            | Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 M)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Q17.       | What are Neural networks? Briefly explain all the layers of a neural network.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4         |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Q18        | Consider the following documents:<br>Document 1: NLP is a domain of AI.<br>Document 2: NLP stands for Natural Language Processing.<br>Implement all the four steps of Bag of Words (BoW) model to create a document vector table.                                                                                                                                                                                                                                                                                                                                                                                                       | 4         |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Q19.       | Akhil wants to learn how to scope the problem for an AI Project. Explain him the following:<br>(i) 4W Problem Canvas<br>(ii) Problem Statement Template                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4         |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Q20.       | Identify and explain the types of the learning-based approaches in the figures given below. <div><div></div><p style="text-align: center;"><b>Figure 1</b></p><div></div><p style="text-align: center;"><b>Figure 2</b></p></div>                                                                                                                                                                                                                                                                                                                                                                                                       | 4         |        |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Q21.       | An AI model has been developed to test specimens of blood/urine/cough etc. to diagnose ailments (diabetes/liver infection etc.). The model was tested on a data-set of about 630 tests and the resulting confusion matrix is as follows: <table><tr><td rowspan="2">Confusion</td><td rowspan="2">Matrix</td><td colspan="2">Reality</td></tr><tr><td>Yes</td><td>No</td></tr><tr><td rowspan="2">Prediction</td><td>Yes</td><td>110</td><td>60</td></tr><tr><td>No</td><td>50</td><td>140</td></tr></table> <p>(A) How many total cases are True Negative in the above scenario?<br/>(B) Calculate Precision, Recall and F1 Score.</p> | Confusion | Matrix | Reality |  | Yes | No | Prediction | Yes | 110 | 60 | No | 50 | 140 | 4 |  |
| Confusion  | Matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |        | Reality |  |     |    |            |     |     |    |    |    |     |   |  |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes       | No     |         |  |     |    |            |     |     |    |    |    |     |   |  |
| Prediction | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 110       | 60     |         |  |     |    |            |     |     |    |    |    |     |   |  |
|            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 50        | 140    |         |  |     |    |            |     |     |    |    |    |     |   |  |

**KENDRIYA VIDYALAYA SANGATHAN, MUMBAI REGION**

**PRE-BOARD I EXAMINATION (2025-26)**

**ENGLISH – LANGUAGE AND LITERATURE (CODE-184)**

**CLASS-X**

Time allowed: 3 Hrs.

Maximum Marks: 80

General Instructions:

Read the instructions very carefully and follow them strictly:

(i) This question paper comprises 11 questions. All questions are compulsory.

(ii) The question paper contains THREE sections

Section-A: Reading Skills

Section-B: Grammar and Creative Writing Skills

Section-C: Literature Text Book

(iii) Attempt questions based on specific instructions for each part.

**Section: A READING (20 Marks)**

**Q.1) Read the following passage.**

**(10 Marks)**

1. In recent years, India has asserted itself as a formidable force in the world of chess. A particularly notable milestone occurred in 2024 when 17-year-old Gukesh D clinched victory at The Candidates Chess Tournament in Toronto, making him the youngest challenger for the world title. His success not only broke records but also underscored India's growing influence in chess. Unlike a decade ago, when Viswanathan Anand was the sole Indian presence at the global level, the 2024 tournament featured five Indian players, including two women.

2. Gukesh's triumph and the emergence of other young talents are far from coincidental. A multitude of factors have contributed to India's ascendance in the chess arena. Key among these is the commitment of veteran Grandmasters to nurturing the next generation. They have established academies and training programs to hone emerging talent. For instance, Charvi Anilkumar, a promising 10-year-old chess player from Bengaluru, has been receiving guidance from Grandmaster RB Ramesh. Recognizing her aptitude early on, her parents have invested in her training, leading her to secure titles such as the Under-8 Girls World Championship in 2022.

3. The chess landscape in India has also benefited from increased governmental and private sector support. Many institutions provide a structured environment where young players can refine their skills under the guidance of accomplished coaches.

4. The surge of chess talent in India can be attributed to various interrelated factors. Advances in technology have provided young players with unprecedented access to online platforms, sophisticated training software, and a wealth of chess literature, enabling them to study strategies

employed by legends worldwide. The COVID-19 pandemic, despite its challenges, offered many of these youngsters the opportunity to sharpen their skills without the usual pressures of travel and competition.

5. Moreover, the consistent success of Indian players on the international stage has conferred a psychological advantage. As Grandmaster RB Ramesh notes, "Many are fearing playing against Indians," indicating that Indian players often start with a mental edge. Additionally, both governmental backing and private investments have enhanced the infrastructure supporting young chess aspirants.

6. The journey to attaining the prestigious title of Grandmaster demands unwavering commitment, sacrifice, and a robust support network. Charvi Anilkumar, for instance, has foregone watching television for five years to maintain her focus on chess. Gukesh D's coach, Grandmaster Vishnu Prasanna, has emphasised the extent of Gukesh's sacrifices, noting that he has largely set aside the experiences of a typical childhood to reach the apex of his sport. These anecdotes illustrate the level of dedication required to excel in the competitive world of chess.

7. Yet, experts like Viswanathan Anand and Grandmaster Ramesh maintain that the title of Grandmaster is attainable for anyone willing to put in the effort. "It's not about innate talent," says Anand. "Our cultural emphasis on learning and the competitive environment in India push young players to constantly improve." Grandmaster Ramesh concurs, noting, "Most of the children are inherently talented. The human mind is the foundational requirement to become a Grandmaster."

**Answer the following questions, based on the passage above.**

i) Infer why Grandmaster RB Ramesh says, "Many are fearing playing against Indians."  
(1 Mark)

ii) Decode the passage to identify one personal sacrifice made by Gukesh D or Charvi Anilkumar to excel in chess. (Paragraph-6)  
(1 Mark)

iii) Identify the sentence in which the word "**ascendance**" is used in the same sense as in the passage. (Paragraph-2)  
(1 Mark)

**Sentences:**

- a) The king's ascendance to the throne was celebrated by the entire kingdom.
- b) The old tree stood in quiet ascendance, untouched by the storm.
- c) The ascendance of technology has changed the way we communicate.
- d) She felt a sense of ascendance while listening to music in the park.

iv) Complete the analogy by selecting one of the correct options  
(1 Mark)

Gukesh D : Youngest Challenger :: Viswanathan Anand : .....

- a) Coach
- b) Pioneer
- c) Opponent
- d) Spectator

v) According to Viswanathan Anand, success in chess depends mainly on: (1 Mark)

- a) Innate talent alone
- b) Cultural emphasis on learning and competition
- c) Luck and timing
- d) Avoiding sacrifices in childhood

vi) Which factor is highlighted as NOT contributing to India's chess success? (1 Mark)

- a) Guidance from veteran Grandmasters
- b) Increased access to technology
- c) Government and private support
- d) Reducing international competitions

vii) Explain how India's chess scenario has evolved from the era of Viswanathan Anand to the time of Gukesh D. (Paragraph-1) (2 Marks)

viii) Analyze the role of coaching, technology, and structured training programs in shaping the success of young Indian chess players. (Paragraph-4) (2 Marks)

**Q.2) Read the following passage. (10 Marks)**

1. Sleep plays a crucial role in maintaining overall health and well-being. Adequate and quality sleep is essential for various physiological and cognitive functions. Research has shown that insufficient sleep can have detrimental effects on both physical and mental health.

2. One of the key impacts of sleep deprivation is its effect on the immune system. Studies have found that lack of sleep can weaken the immune response, making individuals more susceptible to infections and diseases. Moreover, chronic sleep deprivation has been linked to an increased risk of developing chronic conditions such as obesity, diabetes and cardiovascular diseases.

3. In addition to physical health, sleep also plays a vital role in cognitive function and mental well-being. Sufficient sleep is necessary for optimal brain function, including memory consolidation, learning, and problem-solving skills. Lack of sleep can impair cognitive performance, attention, and decision making, abilities. It has also been associated with an increased risk of mental health disorders such as depression and anxiety.

4. In conclusion, sleep is a fundamental pillar of good health. It is essential for maintaining a strong immune system, supporting cognitive function, and promoting mental well-being. Adequate sleep should be prioritized as part of a healthy lifestyle to prevent the development of chronic diseases and promote overall well-being.

Here is a table summarizing the recommended sleep duration for different age groups (data only for reference):

| Age Group  | Recommended Sleep Duration |
|------------|----------------------------|
| Infants    | 14-17 hours                |
| Toddlers   | 11-14 hours                |
| Preschool  | 10-13 hours                |
| School-age | 9-11 hours                 |
| Teenagers  | 8-10 hours                 |
| Adults     | 7-9 hours                  |

**Answer the following questions, based on the passage above.**

**i) Select the option that is true for a **Statement (S)** and a **Reason (R)** given below. (1 Mark)**

**Statement (S):** Lack of sleep can lead to obesity and diabetes.

**Reason (R):** Sleep deprivation affects the balance of hormones that control hunger and blood sugar levels.

- a) Both S and R are true, and R is the correct explanation of S.
- b) Both S and R are true, but R is *not* the correct explanation of S.
- c) S is true, but R is false.
- d) S is false, but R is true.

**(ii) What is the overall tone of the passage?**

**(1 Mark)**

- a) Humorous
- b) Informative and persuasive
- c) Angry and critical
- d) Sad and emotional

**iii) Identify whether the statements are FACT or OPINION:**

**(1/2x2=1 Mark)**

**(a) Lack of sleep weakens the immune system and increases the risk of infections.**

**(fact/opinion)**

**(b) Teenagers can easily manage with only four to five hours of sleep. (fact/opinion)**

**(iv) In the context of the passage, the word “consolidation” most nearly means:**

**(Paragraph-3)**

**(1 Mark)**

- a) Separation
- b) Strengthening
- c) Forgetting
- d) Relaxing

**(v) According to the passage, what is one major effect of sleep deprivation on physical health? (Paragraph-2)**

**(1 Mark)**

- a) It increases body temperature
- b) It weakens the immune system
- c) It enhances digestion
- d) It improves blood circulation

(vi) Calculate the difference in maximum recommended sleep hours between infants and teenagers. (1 Mark)

(vii) How does sleep contribute to better cognitive function and academic performance in students? (Paragraph-3) (Answer in 30–40 words) (2 Marks)

(viii) Based on the passage, infer why prioritizing sleep is as important as maintaining a healthy diet or exercising regularly. (Paragraph-4) (Answer in 30–40 words) (2 Marks)

## **SECTION B : WRITING SKILL AND GRAMMAR (20 MARKS)**

### **GRAMMAR (10 Marks)**

**Q.3) Complete ANY TEN of twelve of the following tasks, as directed. (1x10=10 Marks)**

i. Select the correct option to complete the reporting of the dialogue given below:

Mother: Why aren't you playing with your friends?

Riyan: I am not feeling well today.

Mother asked Riyan..... Riyan replied that he was not feeling well that day.

a) whether he was not playing with his friends

b) that he was not playing with his friends

c) why he wasn't playing with his friends

c) why wasn't he playing with his friends

ii. Complete the given school announcement by selecting the correct option to fill in the blank  
Good news, everyone!

Our school's cricket team has successfully..... a place in the finals.

(a) securing

(b) secured

(c) will secure

(d) had secured

iii. \_\_\_\_\_ left an envelope for Ravi on his desk.

(a) Somebody

(b) None

(c) Everybody

(d) Anybody

iv. Select the correct option to fill in the blank for the given line.

.....I suggest a suitable change in your plan?

(a) May

(b) Would

(c) Must

(d) Will

v. Select the option that identifies the error and supplies the correction for the following line  
Simon usually ate breakfast before he goes to school.

| Option No. | Error   | Correction |
|------------|---------|------------|
| (a)        | before  | after      |
| (b)        | usually | always     |
| (c)        | goes    | went       |
| (d)        | ate     | eat        |

vi. Identify the error and supply the correction for the given sentence from an advertisement.  
The board invite online applications from eligible candidates for the post of a junior clerk.

| Error | Correction |
|-------|------------|
|       |            |

**vii.** Ronit and Remo are discussing their plans for the weekend. Complete the dialogue below by choosing the correct option.

Ronit : How do you like the idea of going to the movie?

Remo : That sounds good, But I ..... my parent's permission.

- (a) needs to seek                      (b) need not to seek  
(c) needs not to seek                (d) need to seek

**viii.** Complete the given sentence, by filling in the blank with the correct option :

Had the security not reached there in time, the intruder ..... him.

- (a) did have harm                      (b) will have harmed  
(c) would harm                        (d) would have harmed

**ix. Transform the following direct speech into indirect speech :**

I said, “Revati, can I get your sample question set now ?”

x. Report the dialogue between Ishan and John, by completing the narration :

Ishan: Where are you going?

John: I am going for the shopping. Do you want anything?

Ishan asked John..... . John replied that he was going for the shopping and he further asked if he wanted anything.

**xi** Select the correct option to complete the given sentence from a handbook for managers.

The manager.....consider the proposal before making a decision.

- (a) will (b) should  
(c) might (d) can

**xii.** Identify the error in the given sentence and supply the correction.

Has she got some evidence that he caused the trouble?

Use the given format for your response.

| Error | Correction |
|-------|------------|
|       |            |

**WRITING SKILL (10 Marks)**

**NOTE:** All details presented in the questions in writing section are imaginary and created for assessment purpose.

**Q.4- (A)** You are Rohini/Rohan, a Class X student from Glorious International School, Andheri. Last month, you participated in a cleanliness drive organised by your school in collaboration with the local municipal authorities. The drive was aimed at raising awareness about hygiene and civic responsibility among residents of nearby slum areas. The experience taught you the value of teamwork, empathy, and proactive citizenship. Write a letter (about 120 words) to the editor of a

leading newspaper, sharing your experience and encouraging other students to take part in such social initiatives to bring about positive change. (5 Marks)

OR

(B) As Kavita/Kavish Rana of Royal Apartments, M.G. Nagar, Pune you feel that the increasing noise levels from construction activities, traffic and loud gatherings are disrupting the peace and tranquillity of your neighbourhood. This is particularly problematic during late hours and is impacting the sleep and well-being of residents. Write a letter to the DM of your city area, in about 120 words, stating the problem and requesting him to take necessary action for controlling the problem of noise. Give suitable suggestions. (5 Marks)

Q.5-A) You are the Cultural Secretary of your school. Two professional artists—Mr. Arvind Rao and Ms. Kavita Mehta—have written to express their interest in conducting a workshop on Creative Arts for your school’s annual cultural fest. Read the excerpts from their letters carefully and answer the question that follows.

**Excerpt**

**1:**

*...I am delighted to offer a workshop on creative arts at your school. With 15 years of experience as a painter and art educator, I have conducted over 100 workshops across the country. My sessions focus on blending traditional and modern art forms, allowing students to explore their imagination freely. Many of my students have showcased their work in state-level exhibitions. I believe my expertise will help your students develop both skill and confidence in art.*

Best regards,  
Mr. Arvind Rao

**Excerpt**

**2:**

*...I would be honoured to conduct a creative arts workshop during your school’s cultural fest. As a digital artist and graphic designer, I specialise in teaching students how to use technology to express their creativity. I have led sessions at various schools and design institutes, focusing on digital illustration, animation, and poster creation. My workshops encourage innovation and help students connect art with real-world applications.*

Yours sincerely,  
Ms. Kavita Mehta

**Question:**

*Analyse the information in a paragraph, justifying which artist would be a better choice to conduct the workshop. Consider factors such as experience, relevance to the theme, and student engagement.* (5 Marks)

OR

Q.5-B) Rohan, a class X student, is preparing for an **inter-school science exhibition**. He is innovative, curious, and has strong research skills. However, he sometimes struggles to organise his findings and complete projects within the given timeline. He needs to choose a partner from **Neha, Arjun, and Simran**. Read their profiles carefully and then analyse who would be the best partner for Rohan.

**Neha:**

Neha is systematic and methodical in her work. She is known for her excellent record-keeping and attention to detail. She ensures that every task is completed on time and according to plan. However, she sometimes hesitates to experiment with new ideas or take creative risks.

**Arjun:**

Arjun is energetic and full of innovative ideas. He loves exploring new possibilities and is quick to adapt to changes. However, he tends to get distracted easily and often leaves tasks unfinished.

**Simran:**

Simran is confident and persuasive. She has great presentation skills and communicates complex ideas effectively. However, she relies on others for research and planning, as her strengths lie more in communication than in execution.

**Question:**

*Based on the qualities of each candidate, analyse and decide who would be the most suitable partner for Rohan. Consider aspects such as complementary strengths, teamwork, and the nature of the project.* (5 Marks)

**SECTION C: LITERATURE TEXTBOOK (40 marks)**

Q.6) Read the given extracts and answer **ANY ONE** of the two questions given below (5 Marks)

Q.6-A) **CHUBUKOV:** *You may take it that I know whether I have the right or not. Because, young man, I'm not used to being spoken to in that tone of voice, and so on. I, young man, am twice your age, and ask you to speak to me without agitating yourself, and all that.*

**LOMOV:** *No, you just think I'm a fool and want to have me on! You call my land yours, and then you want me to talk to you calmly and politely! Good neighbours don't behave like that, Stepan Stepanovitch! You're not a neighbour, you're a grabber! (The Proposal)*

**I.** Contradict the view that the argument between Chubukov and Lomov is polite and calm. (2 Marks)

**II.** Which statement best describes the relationship between Chubukov and Lomov in this extract? (1 Mark)

- a) Cordial neighbours
- b) Friendly acquaintances
- c) Tense and argumentative neighbours

**III.** What can be inferred about Lomov's feelings toward Chubukov's behaviour? (1 Mark)

**IV.** Classify the following words into **words expressing emotion** and **words expressing action**:

- i) agitating                      ii) call                      iii) angry                      iv) spoken                      v) talk (1 Mark)

| No. | Emotion   | Action     |
|-----|-----------|------------|
| a   | i, iii    | ii, iv, v  |
| b   | iii, v    | i, ii, iv  |
| c   | i, ii     | iii, iv, v |
| d   | i, iii, v | ii, iv     |

OR

Q.6- B) At the end of ten years, they had restored all. Mme Loisel seemed old now. She had become a strong, hard woman, the crude woman of the poor household. Her hair badly dressed, her skirts awry, her hands red, she spoke in a loud tone, and washed the floors with large pails of water. But sometimes, when her husband was at the office, she would seat herself before the window and think of that evening party of former times, of that ball where she was so beautiful and so flattered.

How would it have been if she had not lost the necklace? Who knows? How singular is life and how full of changes! How small a thing will ruin or save one! (The Necklace)

I. What does the description “*the crude woman of the poor household*” reveal about Mme Loisel’s transformation over the years? (2 Marks)

II. Which of the following best captures Mme Loisel’s feelings as she remembers the ball? (1Mark)

- a) Bitterness over her lost youth and beauty
- b) Gratitude for having experienced luxury once
- c) Pride in her sacrifice and hard work
- d) Satisfaction with her present life

III. The contrasting imagery of “*beautiful and admired*” versus “*red hands*” and “*badly dressed hair*” primarily highlights — (1 Mark)

- a) The effects of wealth and fame
- b) The difference between illusion and reality
- c) The rewards of honesty and humility
- d) The importance of outer appearance

IV. Read the following expressions from the extract: (1 Mark)

- i) restored everything
- ii) spoke in a loud tone
- iii) think of that evening
- iv) great swishes of water

Select the option that correctly categorises (i)–(iv) as **actions** or **reflections**.

| No. | Actions   | Reflections |
|-----|-----------|-------------|
| a   | i, ii, iv | iii         |
| b   | ii, iii   | i, iv       |
| c   | iii, iv   | i, ii       |
| d   | i, iii    | ii, iv      |

Q.7) Read the given extracts and answer **ANY ONE** of the two questions given below  
(5 Marks)

Q.7-A) Don't bite your nails, Amanda!

Don't hunch your shoulders, Amanda!

Stop that slouching and sit up straight, Amanda!

(There is a languid, emerald sea,  
where the sole inhabitant is me—

a mermaid, drifting blissfully.) (*Amanda!* – Robin Klein)

**I.** Which emotions are most appropriately conveyed through Amanda's imagined world under the sea?  
(1 Mark)

- i) freedom      ii) joy      iii) rebellion      iv) peace      v) irritation

Select the correct option.

- A. i, ii, iv  
B. iii, iv, v  
C. i, iii, v  
D. ii, iv, v

**II.** What does the contrast between the mother's commands and Amanda's imagination reveal about her character?  
(2 Marks)

**III.** Which line from the extract best captures Amanda's desire for escape from her daily restrictions?  
(1 Mark)

**IV.** Fill in the blank to suitably complete the sentence:  
(1 Mark)

Amanda imagines herself as a mermaid because she wants to experience \_\_\_\_\_.

Q.7-B) All night the roots work

to disengage themselves from the cracks  
in the veranda floor.

The leaves strain toward the glass

small twigs stiff with exertion

long-cramped boughs shuffling under the roof

like newly discharged patients

half-dazed, moving

to the clinic doors. (*The Trees* – Adrienne Rich)

**I.** What emotions are most appropriately conveyed by the phrases "*strain toward the glass*" and "*long-cramped boughs shuffling under the roof*"?  
(1 Mark)

- i) struggle      ii) excitement      iii) freedom      iv) exhaustion      v) hope

Select the correct option.

- A. i, iii, v  
B. ii, iii, iv

- C. i, ii, v  
D. i, iv, v

**II.** Explain how the poet uses the image of “*newly discharged patients*” to convey the theme of the poem. (2 Marks)

**III.** Which line from the extract best suggests the idea of nature’s desire to break free from human confinement? (1 Mark)

**IV.** Fill in the blank with a suitable phrase to complete the sentence: (1 Mark)  
The poet presents the trees as a symbol of \_\_\_\_\_ against restriction.

Q.8) Answer **ANY FOUR** of the following five questions, in about 40-50 words (4x3=12 Marks)

i) How did the postmaster and his employees respond to Lencho’s letter, and what does it reveal about human compassion? (A Letter to God)

ii) What ideals motivated Nelson Mandela in his struggle against apartheid? (Nelson Mandela: Long Walk to Freedom)

iii) Write the appropriate response comprising of at least two reasons to present a counter to the following:

“Zoo should be banned. It’s not right to keep animals this way”. (A Tiger In The Zoo)

iv) The young seagull “failed to muster up courage to take that plunge”.  
How can the term “plunge” in the context of the young seagull’s hesitation be interpreted both literally and metaphorically? Explain. (His First Flight)

v) What does Mijbil's behaviour suggest about the otter's adaptability to urban surroundings? (Mijbil the Otter)

Q.9) Answer **ANY TWO** of the following three questions, in about 40-50 words (2x3=6 Marks)

i) Validate the importance of small, fun learning tasks towards successful careers, in the context of Richard Ebright in ‘The Making of a Scientist.’

ii) What transformation does Tricki undergo during his stay at Dr. Herriot’s clinic? (A Triumph of Surgery)

iii) How does Bholi’s character evolve by the end of the story? (Bholi)

Q.10) Answer **ANY ONE** of the following two questions, in about 100-120 words.

(1x6=6 Marks)

i) Compare how **Valli** in ‘*Madam Rides the Bus*’ and **Anne Frank** in ‘From the Diary of Anne Frank’ demonstrate courage and a desire for independence. How do their actions reflect their yearning for freedom and self-expression despite restrictions in their lives?

ii) Compare how the **boy** in '*The Ball Poem*' and the **Buddha** in '*Sermon at Benares*' deal with loss and the impermanence of life. How do their experiences and teachings help in understanding the value of detachment and acceptance?

Q.11) Answer **ANY ONE** of the following two questions, in about 100-120 words

(1x6=6 Marks)

i) Describe the twist in the plot in 'The Midnight Visitor'. Analyse how Fowler's opinion of Ausable must have undergone a change after the plot twist.

ii) Trace the character arc of Think Tank focusing on his shift from arrogance to humility when he feels that he has underestimated earthlings. (The Book That Saved The Earth )

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**Kendriya Vidyalaya Sangathan, Mumbai Region**  
**Pre-Board I Examination 2025-2026**

**Class-X**

**SUBJECT: ARTIFICIAL INTELLIGENCE (417)**

**Max. Time: 2 Hours**

**Max. Marks: 50**

**General Instructions:**

1. Please read the instructions carefully.
2. This Question Paper consists of 21 questions in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.

**6. SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**

- i. This section has 05 questions.
- ii. Marks allotted are mentioned against each question/part.
- iii. There is no negative marking.
- iv. Do as per the instructions given.

**7. SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**

- i. This section has 16 questions.
- ii. A candidate has to do 10 questions.
- iii. Do as per the instructions given.
- iv. Marks allotted are mentioned against each question/part.

## **SECTION A: OBJECTIVE TYPE QUESTIONS**

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q1.</b> | <b>Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)</b>                                                                                                                                                                                                                                                                                                                                                                  |   |
| i)         | Which of the following is the most effective way to overcome communication barriers?<br>(A) Talking loudly (B) Using technical jargon<br>(C) Active listening (D) Interrupting frequently                                                                                                                                                                                                                                                                   | 1 |
| ii)        | _____ is the capacity to act without being influenced by other people or circumstances.<br>(A) Self-demotivation (B) Self-awareness<br>(C) Self-motivation (D) Self-regulation                                                                                                                                                                                                                                                                              | 1 |
| iii)       | In email communication, "CC" stands for:<br>(A) Central Copy (B) Carbon Copy<br>(C) Closed Communication (D) Common Copy                                                                                                                                                                                                                                                                                                                                    | 1 |
| iv)        | A good business plan includes:<br>(A) Only the company logo (B) Goals, finance, and marketing strategy<br>(C) Random ideas (D) none of the above                                                                                                                                                                                                                                                                                                            | 1 |
| v)         | Paralanguage includes:<br>(A) Facial expression (B) Gestures<br>(C) Tone and pitch of voice (D) Eye contact                                                                                                                                                                                                                                                                                                                                                 | 1 |
| vi)        | _____ means a picture element which is the smallest unit of information that makes up a picture.<br>(A) Vision (B) Pics (C) Pixel (D) Piskel                                                                                                                                                                                                                                                                                                                | 1 |
| <b>Q2.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                                                                                                          |   |
| i)         | AI developers must consider which ethical issue when creating algorithms that could potentially make decisions about human lives in areas like healthcare and law enforcement?<br>(A) AI Access (B) Data Privacy (C) AI Bias (D) AI Ethics                                                                                                                                                                                                                  | 1 |
| ii)        | <b>Statement 1:</b> Hidden layers can have varying numbers of neurons to optimize the learning process.<br><b>Statement 2:</b> The input layer is responsible for transforming data before it reaches the hidden layers.<br>(A) Both Statement 1 and Statement 2 are correct<br>(B) Both Statement 1 and Statement 2 are incorrect.<br>(C) Statement 1 is correct but Statement 2 is incorrect.<br>(D) Statement 2 is correct but Statement 1 is incorrect. | 1 |
| iii)       | _____ can be defined as the fraction of positive cases that are correctly identified.<br>(A) Recall<br>(B) Accuracy<br>(C) Precision<br>(D) Data acquisition                                                                                                                                                                                                                                                                                                | 1 |
| iv)        | The result of comparison between the prediction and reality can be recorded in what we call the _____.<br>(A) Overfitting<br>(B) Problem Scoping<br>(C) Confusion Matrix<br>(D) Data acquisition                                                                                                                                                                                                                                                            | 1 |
| v)         | The word 'laptop' appears once in a collection of 50 documents. What category does it fall into?<br>(A) Stop word (B) Rare word (C) Frequent word (D) Removable word                                                                                                                                                                                                                                                                                        | 1 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| vi) | In the AI project cycle, which of the following represents the correct order of steps?<br>(A) Data Exploration, Problem Scoping, Modelling, Evaluation, Data Acquisition.<br>(B) Problem Scoping, Data Acquisition, Data Exploration, Modelling, Evaluation.<br>(C) Modelling, Data Acquisition, Evaluation, Problem Scoping, Data Exploration.<br>(D) Data Acquisition, Data Exploration, Problem Scoping, Modelling, Evaluation. | 1 |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|

|            |                                                                                                                                                                                                                                                                                                                                                                   |   |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q3.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                |   |
| i)         | Which of the following is an example of AI technology?<br>(i) Google Maps showing the fastest route<br>(ii) Smart fridge sending notifications about groceries<br>(iii) A thermostat regulating temperature<br>(iv) A car's fuel gauge showing the fuel level<br>(A) i and iii (B) ii and iv (C) i, ii, and iii (D) None of these (E) All of these                | 1 |
| ii)        | _____ is the technique used to assign a label or category to an entire image based on its content.<br>(A) Object detection (B) Classifications<br>(C) Image segmentation (D) Instance segmentation                                                                                                                                                                | 1 |
| iii)       | Identify the chatbot type: It responds to a predefined set of questions and works on rule-based algorithms.                                                                                                                                                                                                                                                       | 1 |
| iv)        | What does the term 'True Positive' (TP) in a confusion matrix represent?<br>(A) Correctly predicted negative values<br>(B) Incorrectly predicted negative values<br>(C) Correctly predicted positive values<br>(D) Incorrectly predicted positive values                                                                                                          | 1 |
| v)         | _____ refers to the phase in the AI project cycle where we define the problem and determine the objectives of the project.                                                                                                                                                                                                                                        | 1 |
| vi)        | Statement1: There are four layers in a neural network.<br>Statement2: The first layer of the neural network is known as the output layer.<br>(A) Both Statement1 and Statement2 are correct<br>(B) Both Statement1 and Statement2 are incorrect<br>(C) Statement1 is correct but Statement2 is incorrect<br>(D) Statement2 is correct but Statement1 is incorrect | 1 |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <b>Q4.</b> | <b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>                                                                                                                                                                                                                                                                                                                                                                          |   |
| i)         | Ananya heard of a technology where machines can understand and generate human language. What is the term used for this AI field?                                                                                                                                                                                                                                                                                                            | 1 |
| ii)        | <b>Statement 1:</b> Reality in AI refers to the actual state of outcomes based on data.<br><b>Statement 2:</b> Prediction is the expected outcome that a model generates based on its learned patterns.<br>(A) Both Statement 1 and Statement 2 are correct.<br>(B) Both Statement 1 and Statement 2 are incorrect.<br>(C) Statement 1 is correct but Statement 2 is incorrect.<br>(D) Statement 2 is correct but Statement 1 is incorrect. | 1 |
| iii)       | Nisha is working on I self-driving car model. She uses a set of collected driving behavior data and records of traffic scenarios. After training the model, she feeds new unseen traffic                                                                                                                                                                                                                                                    | 1 |

|     |                                                                                                                                                                                                                                     |   |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | <p>situations to the model. What kind of data is this new unseen data called?</p> <p>(A) Testing Data      (B) Sample Data      (C) Training Data      (D) Evaluation Data</p>                                                      |   |
| iv) | <p>Ravi trained a chatbot using conversations between people who all had a similar communication style. When new users tried the chatbot, it couldn't understand their way of speaking. What concept is being illustrated here?</p> | 1 |
| v)  | <p>How many dimensions does a typical grayscale image have?</p>                                                                                                                                                                     | 1 |
| vi) | <p>Which process in text normalization involves removing common words that add little meaning?</p> <p>(A) Tokenization      (B) Stop word Removal</p> <p>(C) Part-of-Speech Tagging      (D) Named Entity Recognition</p>           | 1 |

| Q5.  | Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)                                                                                                                                                                                                                                                  |   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| i)   | Which evaluation parameter specifically measures the proportion of true positive predictions out of all predicted positive cases?                                                                                                                                                                            | 1 |
| ii)  | Rohan developed a smart photo organizer that sorts images based on the content within them, like nature, people or events. Which domain of AI does his project illustrate?<br>(A) Data Science (B) Natural Language Processing<br>(C) Computer Vision (D) Robotics                                           | 1 |
| iii) | The value of a pixel in an RGB image indicates the bright the colour is, with higher values representing more brightness.<br>(A) Pixel (B) Depth (C) Intensity (D) Resolution                                                                                                                                | 1 |
| iv)  | In the context of text normalization, why is the “Bag of Words” model used?<br>(A) Analyze the sentiment of sentences<br>(B) Represent text as a set of individual words while ignoring grammar and order<br>(C) Encode the meaning of words in context<br>(D) Create structured data from unstructured text | 1 |
| v)   | A ____ image uses shades of gray to represent variations in brightness, typically containing 256 levels of intensity.<br>(A) Color (B) Monochrome (C) Grayscale (D) Bitmap                                                                                                                                   | 1 |
| vi)  | Which scenario is most likely to have a high false negative cost?<br>(A) Missing a cancer diagnosis (B) Identifying a spam email<br>(C) Predicting customer churn (D) Weather forecasting                                                                                                                    | 1 |

## SECTION B: SUBJECTIVE TYPE QUESTIONS

|      |                                                                                                                                    |   |
|------|------------------------------------------------------------------------------------------------------------------------------------|---|
|      | <b>Answer any 3 out of the given 5 questions on Employability Skills (2x3=6M)</b><br><b>Answer each question in 20 – 30 words.</b> |   |
| Q6.  | State any two best practices for effective communication.                                                                          | 2 |
| Q7.  | What is the meaning of stress management?                                                                                          | 2 |
| Q8.  | What are any two ways to protect your data?                                                                                        | 2 |
| Q9.  | Explain any two characteristics or qualities of an entrepreneur.                                                                   | 2 |
| Q10. | How can urban areas be developed to ensure long-term sustainability?.                                                              | 2 |

|      |                                                                                                                                                        |   |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|      | <b>Answer any 4 out of the given 6 questions in 20–30 words each (2x4=8M)</b>                                                                          |   |
| Q11. | When browsing online, we frequently see personalized recommendations for products. What AI technology is responsible for this personalization?         | 2 |
| Q12. | Lata wants to train an AI system that can classify emails as either “spam” or “not spam”. Which type of learning is suitable for Lata’s task, and why? | 2 |

|      |                                                                                                                                                                                 |   |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Q13. | Kartik is trying to predict house prices based on features like area, number of rooms and location. Which AI model should Kartik use for predicting continuous values, and why? | 2 |
| Q14. | What are the primary differences between Script- bots and Smart-bots?                                                                                                           | 2 |
| Q15. | Differentiate between Computer Vision (CV) and Natural Language Processing (NLP).                                                                                               | 2 |
| Q16. | If the number of true positives is 150, false positives is 30, true negatives is 100 and false negatives is 20, what is the confusion matrix?                                   | 2 |

|            | <b>Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 M)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|--------|---------|--|-----|----|------------|-----|-----|----|----|----|-----|---|
| Q17.       | What are Neural networks? Briefly explain all the layers of a neural network.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4       |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
| Q18        | Consider the following documents:<br>Document 1: NLP is a domain of AI.<br>Document 2: NLP stands for Natural Language Processing.<br>Implement all the four steps of Bag of Words (BoW) model to create a document vector table.                                                                                                                                                                                                                                                                                                                                                                                                                    | 4       |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
| Q19.       | Akhil wants to learn how to scope the problem for an AI Project. Explain him the following:<br>(i) 4W Problem Canvas<br>(ii) Problem Statement Template                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4       |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
| Q20.       | Identify and explain the types of the learning-based approaches in the figures given below. <div><div></div><div><p style="text-align: center;"><b>Figure 1</b></p></div><div></div><div><p style="text-align: center;"><b>Figure 2</b></p></div></div>                                                                                                                                                                                                                                                                                                                                                                                              | 4       |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
| Q21.       | An AI model has been developed to test specimens of blood/urine/cough etc. to diagnose ailments (diabetes/liver infection etc.). The model was tested on a data-set of about 630 tests and the resulting confusion matrix is as follows: <table><tr><th rowspan="2">Confusion</th><th rowspan="2">Matrix</th><th colspan="2">Reality</th></tr><tr><th>Yes</th><th>No</th></tr><tr><td rowspan="2">Prediction</td><td>Yes</td><td>110</td><td>60</td></tr><tr><td>No</td><td>50</td><td>140</td></tr></table> <div><p>(A) How many total cases are True Negative in the above scenario?</p><p>(B) Calculate Precision, Recall and F1 Score.</p></div> |         | Confusion | Matrix | Reality |  | Yes | No | Prediction | Yes | 110 | 60 | No | 50 | 140 | 4 |
| Confusion  | Matrix                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Reality |           |        |         |  |     |    |            |     |     |    |    |    |     |   |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Yes     | No        |        |         |  |     |    |            |     |     |    |    |    |     |   |
| Prediction | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 110     | 60        |        |         |  |     |    |            |     |     |    |    |    |     |   |
|            | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 50      | 140       |        |         |  |     |    |            |     |     |    |    |    |     |   |

**KENDRIYA VIDYALAYA SANGATHAN, MUMBAI REGION**

**PRE-BOARD I EXAMINATION (2025-26)**

**ENGLISH – LANGUAGE AND LITERATURE (CODE-184)**

**CLASS-X**

Time allowed: 3 Hrs.

Maximum Marks: 80

General Instructions:

Read the instructions very carefully and follow them strictly:

(i) This question paper comprises 11 questions. All questions are compulsory.

(ii) The question paper contains THREE sections

Section-A: Reading Skills

Section-B: Grammar and Creative Writing Skills

Section-C: Literature Text Book

(iii) Attempt questions based on specific instructions for each part.

**Section: A READING (20 Marks)**

**Q.1) Read the following passage.**

**(10 Marks)**

1. In recent years, India has asserted itself as a formidable force in the world of chess. A particularly notable milestone occurred in 2024 when 17-year-old Gukesh D clinched victory at The Candidates Chess Tournament in Toronto, making him the youngest challenger for the world title. His success not only broke records but also underscored India's growing influence in chess. Unlike a decade ago, when Viswanathan Anand was the sole Indian presence at the global level, the 2024 tournament featured five Indian players, including two women.

2. Gukesh's triumph and the emergence of other young talents are far from coincidental. A multitude of factors have contributed to India's ascendance in the chess arena. Key among these is the commitment of veteran Grandmasters to nurturing the next generation. They have established academies and training programs to hone emerging talent. For instance, Charvi Anilkumar, a promising 10-year-old chess player from Bengaluru, has been receiving guidance from Grandmaster RB Ramesh. Recognizing her aptitude early on, her parents have invested in her training, leading her to secure titles such as the Under-8 Girls World Championship in 2022.

3. The chess landscape in India has also benefited from increased governmental and private sector support. Many institutions provide a structured environment where young players can refine their skills under the guidance of accomplished coaches.

4. The surge of chess talent in India can be attributed to various interrelated factors. Advances in technology have provided young players with unprecedented access to online platforms, sophisticated training software, and a wealth of chess literature, enabling them to study strategies

employed by legends worldwide. The COVID-19 pandemic, despite its challenges, offered many of these youngsters the opportunity to sharpen their skills without the usual pressures of travel and competition.

5. Moreover, the consistent success of Indian players on the international stage has conferred a psychological advantage. As Grandmaster RB Ramesh notes, "Many are fearing playing against Indians," indicating that Indian players often start with a mental edge. Additionally, both governmental backing and private investments have enhanced the infrastructure supporting young chess aspirants.

6. The journey to attaining the prestigious title of Grandmaster demands unwavering commitment, sacrifice, and a robust support network. Charvi Anilkumar, for instance, has foregone watching television for five years to maintain her focus on chess. Gukesh D's coach, Grandmaster Vishnu Prasanna, has emphasised the extent of Gukesh's sacrifices, noting that he has largely set aside the experiences of a typical childhood to reach the apex of his sport. These anecdotes illustrate the level of dedication required to excel in the competitive world of chess.

7. Yet, experts like Viswanathan Anand and Grandmaster Ramesh maintain that the title of Grandmaster is attainable for anyone willing to put in the effort. "It's not about innate talent," says Anand. "Our cultural emphasis on learning and the competitive environment in India push young players to constantly improve." Grandmaster Ramesh concurs, noting, "Most of the children are inherently talented. The human mind is the foundational requirement to become a Grandmaster."

**Answer the following questions, based on the passage above.**

i) Infer why Grandmaster RB Ramesh says, "Many are fearing playing against Indians."  
(1 Mark)

ii) Decode the passage to identify one personal sacrifice made by Gukesh D or Charvi Anilkumar to excel in chess. (Paragraph-6)  
(1 Mark)

iii) Identify the sentence in which the word "**ascendance**" is used in the same sense as in the passage. (Paragraph-2)  
(1 Mark)

**Sentences:**

- a) The king's ascendance to the throne was celebrated by the entire kingdom.
- b) The old tree stood in quiet ascendance, untouched by the storm.
- c) The ascendance of technology has changed the way we communicate.
- d) She felt a sense of ascendance while listening to music in the park.

iv) Complete the analogy by selecting one of the correct options  
(1 Mark)

Gukesh D : Youngest Challenger :: Viswanathan Anand : .....

- a) Coach
- b) Pioneer
- c) Opponent
- d) Spectator

**v) According to Viswanathan Anand, success in chess depends mainly on:** (1 Mark)

- a) Innate talent alone
- b) Cultural emphasis on learning and competition
- c) Luck and timing
- d) Avoiding sacrifices in childhood

**vi) Which factor is highlighted as NOT contributing to India's chess success?** (1 Mark)

- a) Guidance from veteran Grandmasters
- b) Increased access to technology
- c) Government and private support
- d) Reducing international competitions

**vii) Explain how India's chess scenario has evolved from the era of Viswanathan Anand to the time of Gukesh D. (Paragraph-1)** (2 Marks)

**viii) Analyze the role of coaching, technology, and structured training programs in shaping the success of young Indian chess players. (Paragraph-4)** (2 Marks)

**Q.2) Read the following passage.** (10 Marks)

1. Sleep plays a crucial role in maintaining overall health and well-being. Adequate and quality sleep is essential for various physiological and cognitive functions. Research has shown that insufficient sleep can have detrimental effects on both physical and mental health.

2. One of the key impacts of sleep deprivation is its effect on the immune system. Studies have found that lack of sleep can weaken the immune response, making individuals more susceptible to infections and diseases. Moreover, chronic sleep deprivation has been linked to an increased risk of developing chronic conditions such as obesity, diabetes and cardiovascular diseases.

3. In addition to physical health, sleep also plays a vital role in cognitive function and mental well-being. Sufficient sleep is necessary for optimal brain function, including memory consolidation, learning, and problem-solving skills. Lack of sleep can impair cognitive performance, attention, and decision making, abilities. It has also been associated with an increased risk of mental health disorders such as depression and anxiety.

4. In conclusion, sleep is a fundamental pillar of good health. It is essential for maintaining a strong immune system, supporting cognitive function, and promoting mental well-being. Adequate sleep should be prioritized as part of a healthy lifestyle to prevent the development of chronic diseases and promote overall well-being.

Here is a table summarizing the recommended sleep duration for different age groups (data only for reference):

| Age Group  | Recommended Sleep Duration |
|------------|----------------------------|
| Infants    | 14-17 hours                |
| Toddlers   | 11-14 hours                |
| Preschool  | 10-13 hours                |
| School-age | 9-11 hours                 |
| Teenagers  | 8-10 hours                 |
| Adults     | 7-9 hours                  |

**Answer the following questions, based on the passage above.**

**i) Select the option that is true for a **Statement (S)** and a **Reason (R)** given below. (1 Mark)**

**Statement (S):** Lack of sleep can lead to obesity and diabetes.

**Reason (R):** Sleep deprivation affects the balance of hormones that control hunger and blood sugar levels.

- a) Both S and R are true, and R is the correct explanation of S.
- b) Both S and R are true, but R is *not* the correct explanation of S.
- c) S is true, but R is false.
- d) S is false, but R is true.

**(ii) What is the overall tone of the passage?**

**(1 Mark)**

- a) Humorous
- b) Informative and persuasive
- c) Angry and critical
- d) Sad and emotional

**iii) Identify whether the statements are FACT or OPINION:**

**(1/2x2=1 Mark)**

**(a) Lack of sleep weakens the immune system and increases the risk of infections.**

**(fact/opinion)**

**(b) Teenagers can easily manage with only four to five hours of sleep. (fact/opinion)**

**(iv) In the context of the passage, the word “*consolidation*” most nearly means:**

**(Paragraph-3)**

**(1 Mark)**

- a) Separation
- b) Strengthening
- c) Forgetting
- d) Relaxing

**(v) According to the passage, what is one major effect of sleep deprivation on physical health? (Paragraph-2)**

**(1 Mark)**

- a) It increases body temperature
- b) It weakens the immune system
- c) It enhances digestion
- d) It improves blood circulation

(vi) Calculate the difference in maximum recommended sleep hours between infants and teenagers. (1 Mark)

(vii) How does sleep contribute to better cognitive function and academic performance in students? (Paragraph-3) (Answer in 30–40 words) (2 Marks)

(viii) Based on the passage, infer why prioritizing sleep is as important as maintaining a healthy diet or exercising regularly. (Paragraph-4) (Answer in 30–40 words) (2 Marks)

## **SECTION B : WRITING SKILL AND GRAMMAR (20 MARKS)**

### **GRAMMAR (10 Marks)**

**Q.3) Complete ANY TEN of twelve of the following tasks, as directed. (1x10=10 Marks)**

i. Select the correct option to complete the reporting of the dialogue given below:

Mother: Why aren't you playing with your friends?

Riyan: I am not feeling well today.

Mother asked Riyan..... Riyan replied that he was not feeling well that day.

- a) whether he was not playing with his friends
- b) that he was not playing with his friends
- c) why he wasn't playing with his friends
- c) why wasn't he playing with his friends

ii. Complete the given school announcement by selecting the correct option to fill in the blank  
Good news, everyone!

Our school's cricket team has successfully..... a place in the finals.

- (a) securing (b) secured
- (c) will secure (d) had secured

iii. \_\_\_\_\_ left an envelope for Ravi on his desk.

- (a) Somebody (b) None
- (c) Everybody (d) Anybody

iv. Select the correct option to fill in the blank for the given line.

.....I suggest a suitable change in your plan?

- (a) May (b) Would
- (c) Must (d) Will

v. Select the option that identifies the error and supplies the correction for the following line  
Simon usually ate breakfast before he goes to school.

| Option No. | Error   | Correction |
|------------|---------|------------|
| (a)        | before  | after      |
| (b)        | usually | always     |
| (c)        | goes    | went       |
| (d)        | ate     | eat        |

vi. Identify the error and supply the correction for the given sentence from an advertisement.  
The board invite online applications from eligible candidates for the post of a junior clerk.

| Error | Correction |
|-------|------------|
|       |            |

**vii.** Ronit and Remo are discussing their plans for the weekend. Complete the dialogue below by choosing the correct option.

Ronit : How do you like the idea of going to the movie?

Remo : That sounds good, But I ..... my parent's permission.

- (a) needs to seek                      (b) need not to seek  
(c) needs not to seek                (d) need to seek

**viii.** Complete the given sentence, by filling in the blank with the correct option :

Had the security not reached there in time, the intruder ..... him.

- (a) did have harm                      (b) will have harmed  
(c) would harm                        (d) would have harmed

**ix. Transform the following direct speech into indirect speech :**

I said, “Revati, can I get your sample question set now ?”

x. Report the dialogue between Ishan and John, by completing the narration :

Ishan: Where are you going?

John: I am going for the shopping. Do you want anything?

Ishan asked John..... . John replied that he was going for the shopping and he further asked if he wanted anything.

**xi** Select the correct option to complete the given sentence from a handbook for managers.

The manager.....consider the proposal before making a decision.

- (a) will (b) should  
(c) might (d) can

**xii.** Identify the error in the given sentence and supply the correction.

Has she got some evidence that he caused the trouble?

Use the given format for your response.

| Error | Correction |
|-------|------------|
|       |            |

**WRITING SKILL (10 Marks)**

**NOTE:** All details presented in the questions in writing section are imaginary and created for assessment purpose.

**Q.4- (A)** You are Rohini/Rohan, a Class X student from Glorious International School, Andheri. Last month, you participated in a cleanliness drive organised by your school in collaboration with the local municipal authorities. The drive was aimed at raising awareness about hygiene and civic responsibility among residents of nearby slum areas. The experience taught you the value of teamwork, empathy, and proactive citizenship. Write a letter (about 120 words) to the editor of a

leading newspaper, sharing your experience and encouraging other students to take part in such social initiatives to bring about positive change. (5 Marks)

OR

(B) As Kavita/Kavish Rana of Royal Apartments, M.G. Nagar, Pune you feel that the increasing noise levels from construction activities, traffic and loud gatherings are disrupting the peace and tranquillity of your neighbourhood. This is particularly problematic during late hours and is impacting the sleep and well-being of residents. Write a letter to the DM of your city area, in about 120 words, stating the problem and requesting him to take necessary action for controlling the problem of noise. Give suitable suggestions. (5 Marks)

Q.5-A) You are the Cultural Secretary of your school. Two professional artists—Mr. Arvind Rao and Ms. Kavita Mehta—have written to express their interest in conducting a workshop on Creative Arts for your school’s annual cultural fest. Read the excerpts from their letters carefully and answer the question that follows.

**Excerpt**

**1:**

*...I am delighted to offer a workshop on creative arts at your school. With 15 years of experience as a painter and art educator, I have conducted over 100 workshops across the country. My sessions focus on blending traditional and modern art forms, allowing students to explore their imagination freely. Many of my students have showcased their work in state-level exhibitions. I believe my expertise will help your students develop both skill and confidence in art.*

Best regards,  
Mr. Arvind Rao

**Excerpt**

**2:**

*...I would be honoured to conduct a creative arts workshop during your school’s cultural fest. As a digital artist and graphic designer, I specialise in teaching students how to use technology to express their creativity. I have led sessions at various schools and design institutes, focusing on digital illustration, animation, and poster creation. My workshops encourage innovation and help students connect art with real-world applications.*

Yours sincerely,  
Ms. Kavita Mehta

**Question:**

*Analyse the information in a paragraph, justifying which artist would be a better choice to conduct the workshop. Consider factors such as experience, relevance to the theme, and student engagement.* (5 Marks)

OR

Q.5-B) Rohan, a class X student, is preparing for an **inter-school science exhibition**. He is innovative, curious, and has strong research skills. However, he sometimes struggles to organise his findings and complete projects within the given timeline. He needs to choose a partner from **Neha**, **Arjun**, and **Simran**. Read their profiles carefully and then analyse who would be the best partner for Rohan.

**Neha:**

Neha is systematic and methodical in her work. She is known for her excellent record-keeping and attention to detail. She ensures that every task is completed on time and according to plan. However, she sometimes hesitates to experiment with new ideas or take creative risks.

**Arjun:**

Arjun is energetic and full of innovative ideas. He loves exploring new possibilities and is quick to adapt to changes. However, he tends to get distracted easily and often leaves tasks unfinished.

**Simran:**

Simran is confident and persuasive. She has great presentation skills and communicates complex ideas effectively. However, she relies on others for research and planning, as her strengths lie more in communication than in execution.

**Question:**

*Based on the qualities of each candidate, analyse and decide who would be the most suitable partner for Rohan. Consider aspects such as complementary strengths, teamwork, and the nature of the project.* (5 Marks)

**SECTION C: LITERATURE TEXTBOOK (40 marks)**

Q.6) Read the given extracts and answer **ANY ONE** of the two questions given below (5 Marks)

Q.6-A) **CHUBUKOV:** *You may take it that I know whether I have the right or not. Because, young man, I'm not used to being spoken to in that tone of voice, and so on. I, young man, am twice your age, and ask you to speak to me without agitating yourself, and all that.*

**LOMOV:** *No, you just think I'm a fool and want to have me on! You call my land yours, and then you want me to talk to you calmly and politely! Good neighbours don't behave like that, Stepan Stepanovitch! You're not a neighbour, you're a grabber! (The Proposal)*

**I.** Contradict the view that the argument between Chubukov and Lomov is polite and calm. (2 Marks)

**II.** Which statement best describes the relationship between Chubukov and Lomov in this extract? (1 Mark)

- a) Cordial neighbours
- b) Friendly acquaintances
- c) Tense and argumentative neighbours

**III.** What can be inferred about Lomov's feelings toward Chubukov's behaviour? (1 Mark)

**IV.** Classify the following words into **words expressing emotion** and **words expressing action**:

- i) agitating                      ii) call                      iii) angry                      iv) spoken                      v) talk (1 Mark)

| No. | Emotion   | Action     |
|-----|-----------|------------|
| a   | i, iii    | ii, iv, v  |
| b   | iii, v    | i, ii, iv  |
| c   | i, ii     | iii, iv, v |
| d   | i, iii, v | ii, iv     |

**OR**

Q.6- B) At the end of ten years, they had restored all. Mme Loisel seemed old now. She had become a strong, hard woman, the crude woman of the poor household. Her hair badly dressed, her skirts awry, her hands red, she spoke in a loud tone, and washed the floors with large pails of water. But sometimes, when her husband was at the office, she would seat herself before the window and think of that evening party of former times, of that ball where she was so beautiful and so flattered.

How would it have been if she had not lost the necklace? Who knows? How singular is life and how full of changes! How small a thing will ruin or save one! (The Necklace)

**I.** What does the description “*the crude woman of the poor household*” reveal about Mme Loisel’s transformation over the years? (2 Marks)

**II.** Which of the following best captures Mme Loisel’s feelings as she remembers the ball? (1Mark)

- a) Bitterness over her lost youth and beauty
- b) Gratitude for having experienced luxury once
- c) Pride in her sacrifice and hard work
- d) Satisfaction with her present life

**III.** The contrasting imagery of “*beautiful and admired*” versus “*red hands*” and “*badly dressed hair*” primarily highlights — (1 Mark)

- a) The effects of wealth and fame
- b) The difference between illusion and reality
- c) The rewards of honesty and humility
- d) The importance of outer appearance

**IV.** Read the following expressions from the extract: (1 Mark)

- i) restored everything
- ii) spoke in a loud tone
- iii) think of that evening
- iv) great swishes of water

Select the option that correctly categorises (i)–(iv) as **actions** or **reflections**.

| No. | Actions   | Reflections |
|-----|-----------|-------------|
| a   | i, ii, iv | iii         |
| b   | ii, iii   | i, iv       |
| c   | iii, iv   | i, ii       |
| d   | i, iii    | ii, iv      |

Q.7) Read the given extracts and answer **ANY ONE** of the two questions given below  
(5 Marks)

Q.7-A) Don't bite your nails, Amanda!

Don't hunch your shoulders, Amanda!

Stop that slouching and sit up straight, Amanda!

(There is a languid, emerald sea,  
where the sole inhabitant is me—

a mermaid, drifting blissfully.) (Amanda! – Robin Klein)

**I.** Which emotions are most appropriately conveyed through Amanda's imagined world under the sea?  
(1 Mark)

- i) freedom      ii) joy      iii) rebellion      iv) peace      v) irritation

Select the correct option.

- A. i, ii, iv  
B. iii, iv, v  
C. i, iii, v  
D. ii, iv, v

**II.** What does the contrast between the mother's commands and Amanda's imagination reveal about her character?  
(2 Marks)

**III.** Which line from the extract best captures Amanda's desire for escape from her daily restrictions?  
(1 Mark)

**IV.** Fill in the blank to suitably complete the sentence:  
(1 Mark)

Amanda imagines herself as a mermaid because she wants to experience \_\_\_\_\_.

Q.7-B) All night the roots work

to disengage themselves from the cracks  
in the veranda floor.

The leaves strain toward the glass

small twigs stiff with exertion

long-cramped boughs shuffling under the roof

like newly discharged patients

half-dazed, moving

to the clinic doors. (The Trees – Adrienne Rich)

**I.** What emotions are most appropriately conveyed by the phrases "*strain toward the glass*" and "*long-cramped boughs shuffling under the roof*"?  
(1 Mark)

- i) struggle      ii) excitement      iii) freedom      iv) exhaustion      v) hope

Select the correct option.

- A. i, iii, v  
B. ii, iii, iv

- C. i, ii, v  
D. i, iv, v

**II.** Explain how the poet uses the image of “*newly discharged patients*” to convey the theme of the poem. (2 Marks)

**III.** Which line from the extract best suggests the idea of nature’s desire to break free from human confinement? (1 Mark)

**IV.** Fill in the blank with a suitable phrase to complete the sentence: (1 Mark)  
The poet presents the trees as a symbol of \_\_\_\_\_ against restriction.

Q.8) Answer **ANY FOUR** of the following five questions, in about 40-50 words (4x3=12 Marks)

i) How did the postmaster and his employees respond to Lencho’s letter, and what does it reveal about human compassion? (A Letter to God)

ii) What ideals motivated Nelson Mandela in his struggle against apartheid? (Nelson Mandela: Long Walk to Freedom)

iii) Write the appropriate response comprising of at least two reasons to present a counter to the following:

“Zoo should be banned. It’s not right to keep animals this way”. (A Tiger In The Zoo)

iv) The young seagull “failed to muster up courage to take that plunge”.  
How can the term “plunge” in the context of the young seagull’s hesitation be interpreted both literally and metaphorically? Explain. (His First Flight)

v) What does Mijbil's behaviour suggest about the otter's adaptability to urban surroundings? (Mijbil the Otter)

Q.9) Answer **ANY TWO** of the following three questions, in about 40-50 words (2x3=6 Marks)

i) Validate the importance of small, fun learning tasks towards successful careers, in the context of Richard Ebright in ‘The Making of a Scientist.’

ii) What transformation does Tricki undergo during his stay at Dr. Herriot’s clinic? (A Triumph of Surgery)

iii) How does Bholi’s character evolve by the end of the story? (Bholi)

Q.10) Answer **ANY ONE** of the following two questions, in about 100-120 words.

(1x6=6 Marks)

i) Compare how **Valli** in ‘*Madam Rides the Bus*’ and **Anne Frank** in ‘From the Diary of Anne Frank’ demonstrate courage and a desire for independence. How do their actions reflect their yearning for freedom and self-expression despite restrictions in their lives?

ii) Compare how the **boy** in '*The Ball Poem*' and the **Buddha** in '*Sermon at Benares*' deal with loss and the impermanence of life. How do their experiences and teachings help in understanding the value of detachment and acceptance?

Q.11) Answer **ANY ONE** of the following two questions, in about 100-120 words

(1x6=6 Marks)

i) Describe the twist in the plot in 'The Midnight Visitor'. Analyse how Fowler's opinion of Ausable must have undergone a change after the plot twist.

ii) Trace the character arc of Think Tank focusing on his shift from arrogance to humility when he feels that he has underestimated earthlings. (The Book That Saved The Earth )

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केन्द्रीय विद्यालय संगठन, मुम्बई संभाग

पूर्व परिषदीय परीक्षा (2025-26)

कक्षा - दसवीं

विषय - हिंदी पाठ्यक्रम 'अ' (कोड - 002)

निर्धारित समय : 3 घंटे

अधिकतम अंक : 80

**सामान्य निर्देश -**

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका अनुपालन कीजिए :

- इस प्रश्नपत्र में कुल 15 प्रश्न हैं | सभी प्रश्न अनिवार्य हैं |
- इस प्रश्नपत्र में कुल चार खंड हैं - क, ख, ग, घ |
- खंड - क में कुल 2 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 10 है |
- खंड - ख में कुल 4 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 20 है | दिए गए निर्देशों का पालन करते हुए 16 उपप्रश्नों के उत्तर देना अनिवार्य है |
- खंड - ग में कुल 5 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 21 है |
- खंड - घ में कुल 4 प्रश्न हैं, सभी प्रश्नों के साथ उनके विकल्प भी दिए गए हैं |
- प्रश्नों के उत्तर दिए गए निर्देशों का पालन करते हुए लिखिए |

| प्रश्न संख्या | खंड - क<br>(अपठित बोध)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | अंक |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1.            | निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित पूछे गए प्रश्नों के उत्तर लिखिए :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14  |
|               | <p>लोकतंत्र के मूलभूत तत्व को समझा नहीं गया है और इसलिए लोग समझते हैं कि सब कुछ सरकार कर देगी, हमारी कोई जिम्मेदारी नहीं है। लोगों में अपनी पहल से जिम्मेदारी उठाने और निभाने का संस्कार विकसित नहीं हो पाया है। फलस्वरूप देश की विशाल मानव- शक्ति अभी खर्चाटे लेटी पड़ी है और देश की पूंजी उपयोगी बनाने के बदले आज बोझरूप बन बैठी है, लेकिन उसे नींद से झकझोर कर जाग्रत करना है। किसी भी देश को महान बनाते हैं उसमें रहने वाले लोग, लेकिन अभी तक देश के नागरिक अपनी जिम्मेदारी से बचते रहे हैं। चाहे सड़क पर चलने की बात हो अथवा साफ़- सफ़ाई की बात हो, जहाँ-तहाँ हम लोगों को गंदगी फैलाते और बेतरतीब ढंग से वाहन चलाते देख सकते हैं। फिर चाहते हैं कि सब कुछ सरकार ठीक कर दे।</p> <p>सरकार ने बहुत सारे कार्य किए हैं, इसे अस्वीकार नहीं किया जा सकता है। वैज्ञानिक प्रयोगशालाएँ खोली हैं, विशाल बाँध बनवाए हैं, फ़ौलाद के कारखाने खोले हैं आदि-आदि। बहुत सारे काम सरकार के द्वारा हुए हैं, पर अभी तक करोड़ों लोगों को कार्य में प्रेरित नहीं किया जा सका है।</p> <p>वास्तव में होना तो यह चाहिए कि लोग अपनी- अपनी सूझ-बूझ के साथ अपने आंतरिक शक्ति के बल पर खड़े हों और अपने पास जो कुछ साधन-सामग्री हो उसे लेकर कुछ करना शुरू कर दें और फिर सरकार उसमें आवश्यक मदद करे। उदाहरण के लिए गाँव वाले</p> | 7   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | बड़ी-बड़ी पंचवर्षीय योजनाएँ नहीं समझ सकेंगे पर वे लोग यह बात जरूर समझ सकेंगे कि अपने गाँव में कहाँ कुआँ चाहिए, कहाँ सिंचाई की जरूरत है, कहाँ पुल की आवश्यकता है? बाहर के लोग इन सब बातों से अनभिज्ञ होते हैं।                                                                                                                                                                                                                                                                                      |   |
| (क) | कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-<br>कथन (A) : लोकतंत्र का मूलभूत तत्व कर्तव्य पालन है।<br>कारण (R) : लोकतंत्र के मूलभूत तत्व को समझा नहीं गया है और इसलिए लोग समझते हैं कि सब कुछ सरकार कर देगी।<br>(i) कथन (A) गलत है और कारण (R) सही है।<br>(ii) कथन (A) और कारण (R) दोनों सही हैं।<br>(iii) कथन (A) और कारण (R) दोनों गलत हैं।<br>(iv) कथन (A) सही है किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।                                                                         | 1 |
| (ख) | किसी देश की महानता किस पर निर्भर करती है?<br>(i) वहाँ की सरकार पर<br>(ii) वहाँ के निवासियों पर<br>(iii) वहाँ के इतिहास पर<br>(iv) वहाँ की पूँजी पर                                                                                                                                                                                                                                                                                                                                                 | 1 |
| (ग) | सरकार के कामों के बारे में कौन-सा कथन सही नहीं है?<br>(i) वैज्ञानिक प्रयोगशालाएँ बनवाई हैं।<br>(ii) विशाल बाँध बनवाए हैं।<br>(iii) वाहन-चालकों को सुधारा है।<br>(iv) फ़ौलाद के कारखाने खोले हैं।                                                                                                                                                                                                                                                                                                   | 1 |
| (घ) | ‘सरकारी व्यवस्था में ग्रामीणों की भूमिका को नकारे जाने की ओर संकेत किया गया है।’<br>उपयुक्त कथन के पक्ष में अपने विचार लिखिए।                                                                                                                                                                                                                                                                                                                                                                      | 2 |
| (ङ) | ‘झकझोर कर जागृत करना’ का भाव गद्यांश के अनुसार लिखिए।                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 |
| 2.  | निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित पूछे गए प्रश्नों के उत्तर दीजिए:                                                                                                                                                                                                                                                                                                                                                                                                             | 7 |
|     | साँझ-सकारे चंदा-सूरज करते जिसकी आरती<br>उस मिट्टी में मन का सोना घोल दो-<br>ग्रह-नक्षत्रों! भारत की जय बोल दो।<br>वह माली है, वह खुशबू है, हम चमन,<br>वह मंदिर है, वह मूरत है, हम नमन,<br>छाया है माथे पर आशीर्वाद-सा,<br>वह संस्कृतियों के मीठे संवाद-सा,<br>उसकी देहरी पर अपना माथा टेककर<br>हम उन्नत होते हैं उसको देखकर।<br>ऋतुओं! उसको नित नूतन परिधान दो,<br>झुलस रही है धरती, सावन दान दो।<br>सरल नहीं परिवर्तन में मन ढालना<br>हर पत्थर से भागीरथी निकलना<br>हम अनेकता में भी तो है एक ही, |   |

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|     | <p>हर संकट में जीता सदा विवेक ही<br/> कृति, आकृति, संस्कृति, भाषा के वास्ते<br/> बने हुए हैं मिलते-जुलते रास्ते<br/> आस्थाओं की टकराहट से लाभ क्या?<br/> मंजिल को हम देंगे भला जवाब क्या?<br/> एक हार में गुँथे मणि-माणिक हैं हम<br/> बिखरे फूलों को भी इसमें जोड़ दो,<br/> ग्रह-नक्षत्रों! भारत की जय बोल दो।</p>                                                                                                                                                                                                                                                                                                                                                        |   |
| (क) | <p>उपरोक्त पंक्तियों में से उन पंक्तियों का चयन कीजिए जिनका आशय- देश का हर निवासी अनमोल और एकता में विश्वास करने वाला है। रंग, वेश, धर्म में अनेकता होते हुए भी सब मिलजुल कर रहते हैं।</p> <p>कथन</p> <p>(I) हम अनेकता में भी तो है एक ही, हर संकट में जीता सदा विवेक ही<br/> (II) छाया है माथे पर आशीर्वाद- सा, वह संस्कृतियों के मीठे संवाद- सा<br/> (III) एक हार में गुँथे मणि-माणिक हैं हम, बिखरे फूलों को भी इसमें जोड़ दो<br/> (IV) कृति, आकृति, संस्कृति, भाषा की वास्ते, बने हुए हैं मिलते जुलते रास्ते</p> <p>विकल्प :</p> <p>(i) कथन (I) व (II) सही है।<br/> (ii) कथन (III) और (IV) सही हैं।<br/> (iii) कथन (IV) सही है।<br/> (iv) कथन (I) और (IV) सही हैं।</p> | 1 |
| (ख) | <p>कवि के अनुसार कौन-सा काम सरल नहीं है?</p> <p>(i) पत्थरों को तोड़ना (ii) नदी निकलना<br/> (iii) परिवर्तन में मन को ढालना (iv) संकट झेलना</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1 |
| (ग) | <p>‘परिवर्तन आसान नहीं होता’- ये समझाने के लिए कवि ने कौन-सा उदाहरण दिया है?</p> <p>कथन:</p> <p>(I) ऋतुओं को नित नूतन परिधान दो (II) मिट्टी में मन का सोना घोल देने का<br/> (III) आस्थाओं से टकराकर मंजिल पाने का (IV) पत्थर में से भागीरथी नदी निकलने का</p> <p>विकल्प:</p> <p>(i) कथन (III) व (IV) सही हैं। (ii) कथन (I) व (II) सही हैं।<br/> (iii) कथन (I) सही है। (iv) कथन (IV) सही है।</p>                                                                                                                                                                                                                                                                           | 1 |
| (घ) | ‘हम उन्नत हैं उसको देखकर’ से किस भाव की अभिव्यक्ति होती है?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 |
| (ङ) | प्रस्तुत पद्यांश से हमें क्या सन्देश मिलता है?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2 |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |   |

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|            | <b>खंड - ख</b><br><b>( व्यावहारिक व्याकरण )</b>                                                                          | <b>16</b>    |
| <b>3.</b>  | <b>निर्देशानुसार 'रचना के आधार पर वाक्य भेद' पर आधारित पाँच प्रश्नों में से किन्हीं चार के उत्तर दीजिए :</b>             | <b>4x1=4</b> |
| <b>(क)</b> | सोने की चिड़िया कहलाने वाला भारत देश यही है। (मिश्र वाक्य में बदलिए)                                                     | <b>1</b>     |
| <b>(ख)</b> | परीक्षक ने प्रश्न पत्र दिया, छात्र उत्तर लिखने लगे। (संयुक्त वाक्य में बदलिए)                                            | <b>1</b>     |
| <b>(ग)</b> | हो सकता है कि पवित्र सारनाथ रहने जाए। (सरल वाक्य में बदलिए)                                                              | <b>1</b>     |
| <b>(घ)</b> | जहाँ महात्मा गांधी गए, वहाँ उन्हें काफ़ी सम्मान मिला। (आश्रित उपवाक्य छाँटकर उसका भेद लिखिए)                             | <b>1</b>     |
| <b>(ङ)</b> | 'जो वीर होते हैं, वे रणभूमि में अपनी वीरता का प्रदर्शन करते हैं।' (उपवाक्य का भेद बताइए)                                 | <b>1</b>     |
| <b>4.</b>  | <b>निर्देशानुसार 'वाच्य' पर आधारित पाँच प्रश्नों में से किन्हीं चार के उत्तर दीजिए :</b>                                 | <b>4x1=4</b> |
| <b>(क)</b> | प्रधानमंत्री ने भवन का उद्घाटन किया। (कर्मवाच्य में बदलिए)                                                               | <b>1</b>     |
| <b>(ख)</b> | मैं चुप नहीं बैठ सकता। (भाववाच्य में बदलिए)                                                                              | <b>1</b>     |
| <b>(ग)</b> | मेरे द्वारा प्रेमचंद का उपन्यास 'कर्मभूमि' पढ़ा गया। (कर्तृवाच्य में बदलिए)                                              | <b>1</b>     |
| <b>(घ)</b> | तुलसीदास द्वारा 'रामचरितमानस' की रचना की गई। (वाच्य पहचानकर भेद बताइए)                                                   | <b>1</b>     |
| <b>(ङ)</b> | भाव अथवा क्रिया के अर्थ के प्रमुखता वाले वाक्य में कौन सा वाच्य होता है?                                                 | <b>1</b>     |
| <b>5.</b>  | <b>निर्देशानुसार 'पद परिचय' पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के रेखांकित पदों का पद-परिचय दीजिए :</b> | <b>4x1=4</b> |
| <b>(क)</b> | आँधी ने <u>वृक्षों</u> को उखाड़ दिया।                                                                                    | <b>1</b>     |
| <b>(ख)</b> | <u>बहुत</u> से लोग वहाँ जमा हो गए।                                                                                       | <b>1</b>     |
| <b>(ग)</b> | <u>आह!</u> उपवन में सुंदर फूल खिले हैं।                                                                                  | <b>1</b>     |
| <b>(घ)</b> | <u>हम</u> अच्छी आदतें अपनाएँगे।                                                                                          | <b>1</b>     |
| <b>(ङ)</b> | कल हमने <u>ताजमहल</u> देखा।                                                                                              | <b>1</b>     |
| <b>6.</b>  | <b>निर्देशानुसार अलंकार पर आधारित पांच प्रश्नों में से किन्हीं चार प्रश्नों में अलंकार पहचान कर उत्तर दीजिए :</b>        | <b>4x1=4</b> |
| <b>(क)</b> | तरणि-तनुजा तट तमाल-तरुवर बहु छाए।<br>झुके कूल सो जल परसन हित मनहूँ सुहाए॥                                                | <b>1</b>     |
| <b>(ख)</b> | कहीं साँस लेते हो,<br>घर-घर भर देते हो,<br>उड़ने को नभ में तुम,<br>पर-पर कर देते हो।                                     | <b>1</b>     |

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| (ग) | सुनहु राम जेहि सिवधनु तोरा।<br>सहसबाहु सम सो रिपु मोरा।।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1         |
| (घ) | प्रीति -नदी में पाँव में बोरयौ, दृष्टि न रूप परागी।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1         |
| (इ) | विद्युत छबि उर में, कवि नवजीवन वाले!<br>वज्र छिपा, नूतन कविता<br>फिर भर दो -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1         |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |
|     | <b>खंड - ग</b><br><b>( पाठ्यपुस्तक एवं पूरक पाठ्यपुस्तक )</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>30</b> |
| 7.  | निम्नलिखित पठित गद्यांश पर आधारित बहुविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5x1=5     |
|     | किंतु खेतीबारी करते, परिवार रखते भी, बालगोबिन भगत साधु थे- साधु की सभी परिभाषाओं में खरे उतरने वाले। कबीर को 'साहब' मानते थे, उन्हीं के गीतों को गाते, उन्हीं के आदेशों पर चलते। कभी झूठ नहीं बोलते, खरा व्यवहार रखते। किसी से भी दो टूक बात करने में संकोच नहीं करते, ना किसी से खामखाह झगड़ा मोल लेते। किसी की चीज़ नहीं छूते, न बिना पूछे व्यवहार में लाते। इस नियम को कभी-कभी इतनी बारीकी तक ले जाते कि लोगों को कुतूहल होता! कभी वह दूसरे के खेत में शौच के लिए भी नहीं बैठते! वह गृहस्थ थे; लेकिन उनकी सब चीज़ 'साहब' की थी। जो कुछ खेत में पैदा होता, सिर पर लादकर पहले उसे साहब के दरबार में ले जाते-जो उनके घर से चार कोस दूरी पर था-एक कबीरपंथी मठ से मतलब! वह दरबार में 'भेंट' स्वरूप रख लिया जाकर 'प्रसाद' रूप में जो उन्हें मिलता, उसे घर लाते और उसी से गुज़र चलाते! |           |
| (क) | कथन और कारण पर विचार करते हुए सही विकल्प चुनिए:<br><b>कथन:</b> बालगोबिन भगत साधु प्रकृति के थे।<br><b>कारण:</b> गृहस्थ होते हुए भी निर्मोही जीवन व्यतीत करते थे।<br><b>विकल्प:</b><br>(i) कथन सही है, किंतु कारण गलत है।<br>(ii) कथन गलत है, किंतु कारण सही है।<br>(iii) कथन और कारण दोनों सही हैं तथा कारण, कथन की सही व्याख्या करता है।<br>(iv) कथन के लिए कारण सही व्याख्या नहीं है।                                                                                                                                                                                                                                                                                                                                                                                            | 1         |
| (ख) | लेखक ने बालगोबिन भगत को साधु क्यों कहा है?<br>(i) वे साधु के समान दिखते थे। (ii) वे मोह-माया से दूर थे।<br>(iii) वे सच्चे साधुओं जैसा ही उत्तम आचार- विचार रखते थे।<br>(iv) वे किसी से झगड़ा नहीं करते थे।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1         |
| (ग) | बालगोबिन भगत का कौन- सा कार्य- व्यवहार लोगों के आश्चर्य का विषय था?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1         |

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|     | (i) जीवन के सिद्धांतों और आदर्शों का गहराई से अपने आचरण में पालन करना।<br>(ii) गीत गाते रहना।<br>(iii) किसी से झगड़ा न करना।<br>(iv) अपना काम स्वयं करना।                                                                                                                                                                                                                             |       |
| (घ) | बालगोबिन भगत कबीर के आदर्शों पर चलते थे क्योंकि-<br>(i) कबीर भगवान का रूप थे । (ii) वह कबीर की विचारधारा से प्रभावित थे।<br>(iii) कबीर उनके गाँव के मुखिया थे। (iv) कबीर उनके मित्र थे ।                                                                                                                                                                                              | 1     |
| (इ) | प्रस्तुत गद्यांश में बालगोबिन भगत की किन विशेषताओं का उल्लेख किया गया है?<br>(i) सत्यवादी, स्पष्टवक्ता, निष्ठावान (ii) सत्यवादी, साहसी, स्पष्टवादी<br>(iii) निष्ठावान, जिज्ञासु, स्पष्टवादी (iv) कर्मठ, जिज्ञासु, निष्ठावान                                                                                                                                                           | 1     |
| 8.  | निर्धारित गद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए :                                                                                                                                                                                                                                                            | 3x2=6 |
| (क) | शहनाई की दुनिया में डुमराँव को क्यों याद किया जाता है?                                                                                                                                                                                                                                                                                                                                | 2     |
| (ख) | स्वतंत्रता आंदोलन में देशभक्ति के ज्वार को स्पष्ट करते हुए उसके परिप्रेक्ष्य में लेखिका मन्नू भंडारी की भूमिका पर प्रकाश डालिए।                                                                                                                                                                                                                                                       | 2     |
| (ग) | “वो लँगड़ा क्या जायेगा फौज में । पागल है पागल!” कैप्टन के प्रति पानवाले की इस टिप्पणी पर अपनी प्रतिक्रिया लिखिए।                                                                                                                                                                                                                                                                      | 2     |
| (घ) | आशय स्पष्ट कीजिए-<br>मानव की जो योग्यता उससे आत्मविनाश के साधनों का आविष्कार कराती है, हम उसे उसकी संस्कृति कहें या असंस्कृति?                                                                                                                                                                                                                                                        | 2     |
| 9.  | निम्नलिखित पठित पद्यांश पर आधारित बहुविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए :                                                                                                                                                                                                                                                                            | 5x1=5 |
|     | मधुप गुन-गुना कर कह जाता कौन कहानी यह अपनी,<br>मुरझाकर गिर रही पत्तियाँ देखो कितनी आज घनी।<br>इस गंभीर अनंत-नीलिमा में असंख्य जीवन-इतिहास<br>यह लो, करते ही रहते हैं अपना व्यंग्य-मलिन उपहास<br>तब भी कहते हो- कह डालूँ दुर्बलता अपनी बीती।<br>तुम सुनकर सुख पाओगे, देखोगे यह गागर रीती।<br>किंतु कहीं ऐसा न हो कि तुम ही खाली करने वाले।<br>अपने को समझो, मेरा रस ले अपनी भरने वाले। |       |
| (क) | ‘मधुप’ किसका प्रतीक माना गया है?<br>(i) मानव मन का (ii) मुरझाई पत्तियों का (iii) जीवन की पीड़ा का (iv) दुःख का                                                                                                                                                                                                                                                                        | 1     |

|                                            |                                                                                                                                                                                                                                                                                           |       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| (ख)                                        | अनंत-नीलिमा से क्या तात्पर्य है?<br>(i) लाक्षणिक शब्द (ii) अनंत विस्तार (iii) जीवन की पीड़ा (iv) दुःख की अनुभूति                                                                                                                                                                          | 1     |
| (ग)                                        | पत्तियों के मुरझाने से क्या तात्पर्य है?<br>(i) निराशा, कष्ट, दुःख (ii) सुख प्राप्त (iii) स्वयं दोषी (iv) मधुर चाँदनी                                                                                                                                                                     | 1     |
| (घ)                                        | कवि गुनगुना कर क्या कह रहा है?<br>(i) उपहास (ii) निराशा (iii) दुःखों के विषय (iv) जीवन की पीड़ा                                                                                                                                                                                           | 1     |
| (ङ)                                        | प्रस्तुत पद्यांश में कवि के जीवन के किस पक्ष का उल्लेख हुआ है?<br>(i) अभावग्रस्त, दुर्बल (ii) निराशा (iii) उपहास (iv) अनंत विस्तार                                                                                                                                                        | 1     |
| 10.                                        | निर्धारित कविताओं के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए :                                                                                                                                                                   | 3x2=6 |
| (क)                                        | परशुराम के क्रोध करने पर लक्ष्मण ने धनुष के टूट जाने के लिए कौन-कौन से तर्क दिए?                                                                                                                                                                                                          | 2     |
| (ख)                                        | ‘अट नहीं रही है’ कविता में कवि ने प्रकृति की व्यापकता का वर्णन किन रूपों में किया है?                                                                                                                                                                                                     | 2     |
| (ग)                                        | संगतकार किन-किन रूपों में मुख्य गायक-गायिकाओं की मदद करते हैं?                                                                                                                                                                                                                            | 2     |
| (घ)                                        | गोपियों ने किन-किन उदाहरणों के माध्यम से उद्धव को उलाहने दिए?                                                                                                                                                                                                                             | 2     |
| 11.                                        | पूरक पाठ्यपुस्तक के निर्धारित पाठों के आधार पर निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 50-60 शब्दों में लिखिए :                                                                                                                                                  | 2x4=8 |
| (क)                                        | जितेन नार्गे की गाइड की भूमिका के बारे में विचार करते हुए लिखिए कि एक कुशल गाइड में क्या गुण होते हैं?                                                                                                                                                                                    | 4     |
| (ख)                                        | ‘मैं क्यों लिखता हूँ’ पाठ के आधार पर लेखक ने अपने आपको हिरोशिमा के विस्फोट का भोक्ता कब और किस तरह महसूस किया?                                                                                                                                                                            | 4     |
| (ग)                                        | ‘माता का अंचल’ पाठ के आधार पर बताइए कि भोलानाथ और उसके साथियों के खेल और खेलने की सामग्री आपके खेल और खेलने की सामग्री से किस प्रकार भिन्न है?                                                                                                                                            | 4     |
| <b>खंड - घ</b><br><b>( रचनात्मक लेखन )</b> |                                                                                                                                                                                                                                                                                           | 20    |
| 12.                                        | निम्नलिखित में से किसी एक विषय पर संकेत बिंदुओं के आधार पर लगभग 120 शब्दों में एक अनुच्छेद लिखिए :<br>(क) स्मार्ट क्लास की उपयोगिता <ul style="list-style-type: none"> <li>छात्रों की अधिक सक्रियता</li> <li>विषय वस्तु का अधिगम</li> <li>कम समय में अधिक जानकारी प्राप्त करना</li> </ul> | 1x6=6 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|     | <ul style="list-style-type: none"> <li>छात्रों पर प्रभाव</li> </ul> <p>(ख) बचपन बचाओ/ बाल मजदूरी</p> <ul style="list-style-type: none"> <li>बाल मजदूरी का स्वरूप</li> <li>बाल मजदूरी के कारण</li> <li>बचपन में श्रम की हानियाँ</li> <li>बचपन बचाने की आवश्यकता</li> <li>उपाय</li> </ul> <p>(ग) विज्ञापन और हमारा जीवन</p> <ul style="list-style-type: none"> <li>विज्ञापन का उद्देश्य</li> <li>विज्ञापनों के विविध प्रकार</li> <li>विज्ञापनों का सामाजिक दायित्व</li> </ul>                                                                                                                                                                         |       |
| 13. | <p>(क) आप ललित/ललिता हैं कुछ दिनों से आपके क्षेत्र में अपराध बढ़ने लगे हैं उनकी रोकथाम के लिए थाना अध्यक्ष को लगभग <b>100 शब्दों में पत्र</b> लिखिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आप 15 जवाहर रोड, धूलिया में रहते हैं। आपका नाम वैकट सुब्रमण्यम है, अपने मित्र किट्टू स्वामी को अपने विद्यालय में मनाए गए 'अध्यापक दिवस' का विवरण देते हुए लगभग <b>100 शब्दों में एक पत्र</b> लिखिए।</p>                                                                                                                                                                                                                              | 1x5=5 |
| 14. | <p>(क) आप सुनीता/सुरेश हैं। आप राजेंद्र नगर के निवासी हैं। दैनिक समाचार पत्र से पता चला है कि स्थानीय राजकीय माध्यमिक विद्यालय में पुस्तकालय अध्यक्ष का पद रिक्त है। आप उक्त पद की योग्यता ( बी.लिब./पुस्तकालय विज्ञान में स्नातक) को धारण करते हैं। उक्त रिक्त पद हेतु राजकीय माध्यमिक विद्यालय के प्रमुख को आवेदन भेजने हेतु लगभग 80 शब्दों में अपना एक संक्षिप्त स्ववृत्त तैयार कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आप नैतिक/निष्ठा हैं। आपके क्षेत्र अशोक नगर में सफाई व्यवस्था चरमराई हुई है। सफाई कर्मचारी अक्सर अनुपस्थित रहते हैं। नगर निगम अधिकारी को इससे अवगत कराते हुए लगभग 80 शब्दों में ई-मेल कीजिए।</p> | 1x5=5 |
| 15. | <p>(क) स्वास्थ्य मंत्रालय की ओर से स्वच्छता के प्रति सचेत करते हुए एक आकर्षक विज्ञापन 40 शब्दों में तैयार कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आपकी बड़ी बहन 'मेडिकल प्रवेश परीक्षा' की तैयारी कर रही है। वह प्रवेश परीक्षा में अच्छे अंकों से उत्तीर्ण हो जाए, ऐसी शुभकामना देते हुए लगभग 40 शब्दों में संदेश लिखिए।</p>                                                                                                                                                                                                                                                                                               | 1x4=4 |

**केन्द्रीय विद्यालय संगठन, मुम्बई संभाग**  
**पूर्व परिषदीय परीक्षा (2025-26)**  
**कक्षा - दसवीं**

**विषय - हिंदी पाठ्यक्रम 'अ' (कोड - 002)**

**निर्धारित समय : 3 घंटे**

**अधिकतम अंक : 80**

**सामान्य निर्देश -**

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका अनुपालन कीजिए :

- इस प्रश्नपत्र में कुल 15 प्रश्न हैं | सभी प्रश्न अनिवार्य हैं |
- इस प्रश्नपत्र में कुल चार खंड हैं - क, ख, ग, घ |
- खंड - क में कुल 2 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 10 है |
- खंड - ख में कुल 4 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 20 है | दिए गए निर्देशों का पालन करते हुए 16 उपप्रश्नों के उत्तर देना अनिवार्य है |
- खंड - ग में कुल 5 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 21 है |
- खंड - घ में कुल 4 प्रश्न हैं, सभी प्रश्नों के साथ उनके विकल्प भी दिए गए हैं |
- प्रश्नों के उत्तर दिए गए निर्देशों का पालन करते हुए लिखिए |

| प्रश्न संख्या | खंड - क<br>(अपठित बोध)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | अंक |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1.            | निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित पूछे गए प्रश्नों के उत्तर लिखिए :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14  |
|               | <p>लोकतंत्र के मूलभूत तत्व को समझा नहीं गया है और इसलिए लोग समझते हैं कि सब कुछ सरकार कर देगी, हमारी कोई जिम्मेदारी नहीं है। लोगों में अपनी पहल से जिम्मेदारी उठाने और निभाने का संस्कार विकसित नहीं हो पाया है। फलस्वरूप देश की विशाल मानव- शक्ति अभी खर्चाटे लेटी पड़ी है और देश की पूंजी उपयोगी बनाने के बदले आज बोझरूप बन बैठी है, लेकिन उसे नींद से झकझोर कर जाग्रत करना है। किसी भी देश को महान बनाते हैं उसमें रहने वाले लोग, लेकिन अभी तक देश के नागरिक अपनी जिम्मेदारी से बचते रहे हैं। चाहे सड़क पर चलने की बात हो अथवा साफ़- सफ़ाई की बात हो, जहाँ-तहाँ हम लोगों को गंदगी फैलाते और बेतरतीब ढंग से वाहन चलाते देख सकते हैं। फिर चाहते हैं कि सब कुछ सरकार ठीक कर दे।</p> <p>सरकार ने बहुत सारे कार्य किए हैं, इसे अस्वीकार नहीं किया जा सकता है। वैज्ञानिक प्रयोगशालाएँ खोली हैं, विशाल बाँध बनवाए हैं, फ़ौलाद के कारखाने खोले हैं आदि-आदि। बहुत सारे काम सरकार के द्वारा हुए हैं, पर अभी तक करोड़ों लोगों को कार्य में प्रेरित नहीं किया जा सका है।</p> <p>वास्तव में होना तो यह चाहिए कि लोग अपनी- अपनी सूझ-बूझ के साथ अपने आंतरिक शक्ति के बल पर खड़े हों और अपने पास जो कुछ साधन-सामग्री हो उसे लेकर कुछ करना शुरू कर दें और फिर सरकार उसमें आवश्यक मदद करे। उदाहरण के लिए गाँव वाले</p> | 7   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | बड़ी-बड़ी पंचवर्षीय योजनाएँ नहीं समझ सकेंगे पर वे लोग यह बात जरूर समझ सकेंगे कि अपने गाँव में कहाँ कुआँ चाहिए, कहाँ सिंचाई की जरूरत है, कहाँ पुल की आवश्यकता है? बाहर के लोग इन सब बातों से अनभिज्ञ होते हैं।                                                                                                                                                                                                                                                                                      |   |
| (क) | कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-<br>कथन (A) : लोकतंत्र का मूलभूत तत्व कर्तव्य पालन है।<br>कारण (R) : लोकतंत्र के मूलभूत तत्व को समझा नहीं गया है और इसलिए लोग समझते हैं कि सब कुछ सरकार कर देगी।<br>(i) कथन (A) गलत है और कारण (R) सही है।<br>(ii) कथन (A) और कारण (R) दोनों सही हैं।<br>(iii) कथन (A) और कारण (R) दोनों गलत हैं।<br>(iv) कथन (A) सही है किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।                                                                         | 1 |
| (ख) | किसी देश की महानता किस पर निर्भर करती है?<br>(i) वहाँ की सरकार पर<br>(ii) वहाँ के निवासियों पर<br>(iii) वहाँ के इतिहास पर<br>(iv) वहाँ की पूँजी पर                                                                                                                                                                                                                                                                                                                                                 | 1 |
| (ग) | सरकार के कामों के बारे में कौन-सा कथन सही नहीं है?<br>(i) वैज्ञानिक प्रयोगशालाएँ बनवाई हैं।<br>(ii) विशाल बाँध बनवाए हैं।<br>(iii) वाहन-चालकों को सुधारा है।<br>(iv) फ़ौलाद के कारखाने खोले हैं।                                                                                                                                                                                                                                                                                                   | 1 |
| (घ) | ‘सरकारी व्यवस्था में ग्रामीणों की भूमिका को नकारे जाने की ओर संकेत किया गया है।’<br>उपयुक्त कथन के पक्ष में अपने विचार लिखिए।                                                                                                                                                                                                                                                                                                                                                                      | 2 |
| (ङ) | ‘झकझोर कर जागृत करना’ का भाव गद्यांश के अनुसार लिखिए।                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 |
| 2.  | निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित पूछे गए प्रश्नों के उत्तर दीजिए:                                                                                                                                                                                                                                                                                                                                                                                                             | 7 |
|     | साँझ-सकारे चंदा-सूरज करते जिसकी आरती<br>उस मिट्टी में मन का सोना घोल दो-<br>ग्रह-नक्षत्रों! भारत की जय बोल दो।<br>वह माली है, वह खुशबू है, हम चमन,<br>वह मंदिर है, वह मूरत है, हम नमन,<br>छाया है माथे पर आशीर्वाद-सा,<br>वह संस्कृतियों के मीठे संवाद-सा,<br>उसकी देहरी पर अपना माथा टेककर<br>हम उन्नत होते हैं उसको देखकर।<br>ऋतुओं! उसको नित नूतन परिधान दो,<br>झुलस रही है धरती, सावन दान दो।<br>सरल नहीं परिवर्तन में मन ढालना<br>हर पत्थर से भागीरथी निकलना<br>हम अनेकता में भी तो है एक ही, |   |

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|     | <p>हर संकट में जीता सदा विवेक ही<br/> कृति, आकृति, संस्कृति, भाषा के वास्ते<br/> बने हुए हैं मिलते-जुलते रास्ते<br/> आस्थाओं की टकराहट से लाभ क्या?<br/> मंजिल को हम देंगे भला जवाब क्या?<br/> एक हार में गुँथे मणि-माणिक हैं हम<br/> बिखरे फूलों को भी इसमें जोड़ दो,<br/> ग्रह-नक्षत्रों! भारत की जय बोल दो।</p>                                                                                                                                                                                                                                                                                                                                                          |   |
| (क) | <p>उपरोक्त पंक्तियों में से उन पंक्तियों का चयन कीजिए जिनका आशय- देश का हर निवासी<br/> अनमोल और एकता में विश्वास करने वाला है। रंग, वेश, धर्म में अनेकता होते हुए भी सब<br/> मिलजुल कर रहते हैं।<br/> कथन<br/> (I) हम अनेकता में भी तो है एक ही, हर संकट में जीता सदा विवेक ही<br/> (II) छाया है माथे पर आशीर्वाद- सा, वह संस्कृतियों के मीठे संवाद- सा<br/> (III) एक हार में गुँथे मणि-माणिक हैं हम, बिखरे फूलों को भी इसमें जोड़ दो<br/> (IV) कृति, आकृति, संस्कृति, भाषा की वास्ते, बने हुए हैं मिलते जुलते रास्ते<br/> विकल्प :<br/> (i) कथन (I) व (II) सही है।<br/> (ii) कथन (III) और (IV) सही हैं।<br/> (iii) कथन (IV) सही है।<br/> (iv) कथन (I) और (IV) सही हैं।</p> | 1 |
| (ख) | <p>कवि के अनुसार कौन-सा काम सरल नहीं है?<br/> (i) पत्थरों को तोड़ना (ii) नदी निकलना<br/> (iii) परिवर्तन में मन को ढालना (iv) संकट झेलना</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 |
| (ग) | <p>‘परिवर्तन आसान नहीं होता’- ये समझाने के लिए कवि ने कौन-सा उदाहरण दिया है?<br/> कथन:<br/> (I) ऋतुओं को नित नूतन परिधान दो (II) मिट्टी में मन का सोना घोल देने का<br/> (III) आस्थाओं से टकराकर मंजिल पाने का (IV) पत्थर में से भागीरथी नदी निकलने का<br/> विकल्प:<br/> (i) कथन (III) व (IV) सही हैं। (ii) कथन (I) व (II) सही हैं।<br/> (iii) कथन (I) सही है। (iv) कथन (IV) सही है।</p>                                                                                                                                                                                                                                                                                     | 1 |
| (घ) | ‘हम उन्नत हैं उसको देखकर’ से किस भाव की अभिव्यक्ति होती है?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 |
| (ङ) | प्रस्तुत पद्यांश से हमें क्या सन्देश मिलता है?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 2 |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |

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|            | <b>खंड - ख</b><br><b>( व्यावहारिक व्याकरण )</b>                                                                          | <b>16</b>    |
| <b>3.</b>  | <b>निर्देशानुसार 'रचना के आधार पर वाक्य भेद' पर आधारित पाँच प्रश्नों में से किन्हीं चार के उत्तर दीजिए :</b>             | <b>4x1=4</b> |
| <b>(क)</b> | सोने की चिड़िया कहलाने वाला भारत देश यही है। (मिश्र वाक्य में बदलिए)                                                     | <b>1</b>     |
| <b>(ख)</b> | परीक्षक ने प्रश्न पत्र दिया, छात्र उत्तर लिखने लगे। (संयुक्त वाक्य में बदलिए)                                            | <b>1</b>     |
| <b>(ग)</b> | हो सकता है कि पवित्र सारनाथ रहने जाए। (सरल वाक्य में बदलिए)                                                              | <b>1</b>     |
| <b>(घ)</b> | जहाँ महात्मा गांधी गए, वहाँ उन्हें काफ़ी सम्मान मिला। (आश्रित उपवाक्य छाँटकर उसका भेद लिखिए)                             | <b>1</b>     |
| <b>(ङ)</b> | 'जो वीर होते हैं, वे रणभूमि में अपनी वीरता का प्रदर्शन करते हैं।' (उपवाक्य का भेद बताइए)                                 | <b>1</b>     |
| <b>4.</b>  | <b>निर्देशानुसार 'वाच्य' पर आधारित पाँच प्रश्नों में से किन्हीं चार के उत्तर दीजिए :</b>                                 | <b>4x1=4</b> |
| <b>(क)</b> | प्रधानमंत्री ने भवन का उद्घाटन किया। (कर्मवाच्य में बदलिए)                                                               | <b>1</b>     |
| <b>(ख)</b> | मैं चुप नहीं बैठ सकता। (भाववाच्य में बदलिए)                                                                              | <b>1</b>     |
| <b>(ग)</b> | मेरे द्वारा प्रेमचंद का उपन्यास 'कर्मभूमि' पढ़ा गया। (कर्तृवाच्य में बदलिए)                                              | <b>1</b>     |
| <b>(घ)</b> | तुलसीदास द्वारा 'रामचरितमानस' की रचना की गई। (वाच्य पहचानकर भेद बताइए)                                                   | <b>1</b>     |
| <b>(ङ)</b> | भाव अथवा क्रिया के अर्थ के प्रमुखता वाले वाक्य में कौन सा वाच्य होता है?                                                 | <b>1</b>     |
| <b>5.</b>  | <b>निर्देशानुसार 'पद परिचय' पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के रेखांकित पदों का पद-परिचय दीजिए :</b> | <b>4x1=4</b> |
| <b>(क)</b> | आँधी ने <u>वृक्षों</u> को उखाड़ दिया।                                                                                    | <b>1</b>     |
| <b>(ख)</b> | <u>बहुत</u> से लोग वहाँ जमा हो गए।                                                                                       | <b>1</b>     |
| <b>(ग)</b> | <u>आह!</u> उपवन में सुंदर फूल खिले हैं।                                                                                  | <b>1</b>     |
| <b>(घ)</b> | <u>हम</u> अच्छी आदतें अपनाएँगे।                                                                                          | <b>1</b>     |
| <b>(ङ)</b> | कल हमने <u>ताजमहल</u> देखा।                                                                                              | <b>1</b>     |
| <b>6.</b>  | <b>निर्देशानुसार अलंकार पर आधारित पांच प्रश्नों में से किन्हीं चार प्रश्नों में अलंकार पहचान कर उत्तर दीजिए :</b>        | <b>4x1=4</b> |
| <b>(क)</b> | तरणि-तनुजा तट तमाल-तरुवर बहु छाए।<br>झुके कूल सो जल परसन हित मनहूँ सुहाए॥                                                | <b>1</b>     |
| <b>(ख)</b> | कहीं साँस लेते हो,<br>घर-घर भर देते हो,<br>उड़ने को नभ में तुम,<br>पर-पर कर देते हो।                                     | <b>1</b>     |

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| (ग) | सुनहु राम जेहि सिवधनु तोरा।<br>सहसबाहु सम सो रिपु मोरा।।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1         |
| (घ) | प्रीति -नदी में पाँव में बोरयौ, दृष्टि न रूप परागी।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1         |
| (इ) | विद्युत छबि उर में, कवि नवजीवन वाले!<br>वज्र छिपा, नूतन कविता<br>फिर भर दो -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1         |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |
|     | <b>खंड - ग</b><br><b>( पाठ्यपुस्तक एवं पूरक पाठ्यपुस्तक )</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>30</b> |
| 7.  | निम्नलिखित पठित गद्यांश पर आधारित बहुविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5x1=5     |
|     | किंतु खेतीबारी करते, परिवार रखते भी, बालगोबिन भगत साधु थे- साधु की सभी परिभाषाओं में खरे उतरने वाले। कबीर को 'साहब' मानते थे, उन्हीं के गीतों को गाते, उन्हीं के आदेशों पर चलते। कभी झूठ नहीं बोलते, खरा व्यवहार रखते। किसी से भी दो टूक बात करने में संकोच नहीं करते, ना किसी से खामखाह झगड़ा मोल लेते। किसी की चीज़ नहीं छूते, न बिना पूछे व्यवहार में लाते। इस नियम को कभी-कभी इतनी बारीकी तक ले जाते कि लोगों को कुतूहल होता! कभी वह दूसरे के खेत में शौच के लिए भी नहीं बैठते! वह गृहस्थ थे; लेकिन उनकी सब चीज़ 'साहब' की थी। जो कुछ खेत में पैदा होता, सिर पर लादकर पहले उसे साहब के दरबार में ले जाते-जो उनके घर से चार कोस दूरी पर था-एक कबीरपंथी मठ से मतलब! वह दरबार में 'भेंट' स्वरूप रख लिया जाकर 'प्रसाद' रूप में जो उन्हें मिलता, उसे घर लाते और उसी से गुज़र चलाते! |           |
| (क) | कथन और कारण पर विचार करते हुए सही विकल्प चुनिए:<br><b>कथन:</b> बालगोबिन भगत साधु प्रकृति के थे।<br><b>कारण:</b> गृहस्थ होते हुए भी निर्मोही जीवन व्यतीत करते थे।<br><b>विकल्प:</b><br>(i) कथन सही है, किंतु कारण गलत है।<br>(ii) कथन गलत है, किंतु कारण सही है।<br>(iii) कथन और कारण दोनों सही हैं तथा कारण, कथन की सही व्याख्या करता है।<br>(iv) कथन के लिए कारण सही व्याख्या नहीं है।                                                                                                                                                                                                                                                                                                                                                                                            | 1         |
| (ख) | लेखक ने बालगोबिन भगत को साधु क्यों कहा है?<br>(i) वे साधु के समान दिखते थे। (ii) वे मोह-माया से दूर थे।<br>(iii) वे सच्चे साधुओं जैसा ही उत्तम आचार- विचार रखते थे।<br>(iv) वे किसी से झगड़ा नहीं करते थे।                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1         |
| (ग) | बालगोबिन भगत का कौन- सा कार्य- व्यवहार लोगों के आश्चर्य का विषय था?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1         |

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|     | (i) जीवन के सिद्धांतों और आदर्शों का गहराई से अपने आचरण में पालन करना।<br>(ii) गीत गाते रहना।<br>(iii) किसी से झगड़ा न करना।<br>(iv) अपना काम स्वयं करना।                                                                                                                                                                                                                             |       |
| (घ) | बालगोबिन भगत कबीर के आदर्शों पर चलते थे क्योंकि-<br>(i) कबीर भगवान का रूप थे । (ii) वह कबीर की विचारधारा से प्रभावित थे।<br>(iii) कबीर उनके गाँव के मुखिया थे। (iv) कबीर उनके मित्र थे ।                                                                                                                                                                                              | 1     |
| (इ) | प्रस्तुत गद्यांश में बालगोबिन भगत की किन विशेषताओं का उल्लेख किया गया है?<br>(i) सत्यवादी, स्पष्टवक्ता, निष्ठावान (ii) सत्यवादी, साहसी, स्पष्टवादी<br>(iii) निष्ठावान, जिज्ञासु, स्पष्टवादी (iv) कर्मठ, जिज्ञासु, निष्ठावान                                                                                                                                                           | 1     |
| 8.  | निर्धारित गद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए :                                                                                                                                                                                                                                                            | 3x2=6 |
| (क) | शहनाई की दुनिया में डुमराँव को क्यों याद किया जाता है?                                                                                                                                                                                                                                                                                                                                | 2     |
| (ख) | स्वतंत्रता आंदोलन में देशभक्ति के ज्वार को स्पष्ट करते हुए उसके परिप्रेक्ष्य में लेखिका मन्नू भंडारी की भूमिका पर प्रकाश डालिए।                                                                                                                                                                                                                                                       | 2     |
| (ग) | “वो लँगड़ा क्या जायेगा फौज में । पागल है पागल!” कैप्टन के प्रति पानवाले की इस टिप्पणी पर अपनी प्रतिक्रिया लिखिए।                                                                                                                                                                                                                                                                      | 2     |
| (घ) | आशय स्पष्ट कीजिए-<br>मानव की जो योग्यता उससे आत्मविनाश के साधनों का आविष्कार कराती है, हम उसे उसकी संस्कृति कहें या असंस्कृति?                                                                                                                                                                                                                                                        | 2     |
| 9.  | निम्नलिखित पठित पद्यांश पर आधारित बहुविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए :                                                                                                                                                                                                                                                                            | 5x1=5 |
|     | मधुप गुन-गुना कर कह जाता कौन कहानी यह अपनी,<br>मुरझाकर गिर रही पत्तियाँ देखो कितनी आज घनी।<br>इस गंभीर अनंत-नीलिमा में असंख्य जीवन-इतिहास<br>यह लो, करते ही रहते हैं अपना व्यंग्य-मलिन उपहास<br>तब भी कहते हो- कह डालूँ दुर्बलता अपनी बीती।<br>तुम सुनकर सुख पाओगे, देखोगे यह गागर रीती।<br>किंतु कहीं ऐसा न हो कि तुम ही खाली करने वाले।<br>अपने को समझो, मेरा रस ले अपनी भरने वाले। |       |
| (क) | ‘मधुप’ किसका प्रतीक माना गया है?<br>(i) मानव मन का (ii) मुरझाई पत्तियों का (iii) जीवन की पीड़ा का (iv) दुःख का                                                                                                                                                                                                                                                                        | 1     |

|                                            |                                                                                                                                                                                                                                                                                           |       |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| (ख)                                        | अनंत-नीलिमा से क्या तात्पर्य है?<br>(i) लाक्षणिक शब्द (ii) अनंत विस्तार (iii) जीवन की पीड़ा (iv) दुःख की अनुभूति                                                                                                                                                                          | 1     |
| (ग)                                        | पत्तियों के मुरझाने से क्या तात्पर्य है?<br>(i) निराशा, कष्ट, दुःख (ii) सुख प्राप्त (iii) स्वयं दोषी (iv) मधुर चाँदनी                                                                                                                                                                     | 1     |
| (घ)                                        | कवि गुनगुना कर क्या कह रहा है?<br>(i) उपहास (ii) निराशा (iii) दुःखों के विषय (iv) जीवन की पीड़ा                                                                                                                                                                                           | 1     |
| (ङ)                                        | प्रस्तुत पद्यांश में कवि के जीवन के किस पक्ष का उल्लेख हुआ है?<br>(i) अभावग्रस्त, दुर्बल (ii) निराशा (iii) उपहास (iv) अनंत विस्तार                                                                                                                                                        | 1     |
| 10.                                        | निर्धारित कविताओं के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए :                                                                                                                                                                   | 3x2=6 |
| (क)                                        | परशुराम के क्रोध करने पर लक्ष्मण ने धनुष के टूट जाने के लिए कौन-कौन से तर्क दिए?                                                                                                                                                                                                          | 2     |
| (ख)                                        | ‘अट नहीं रही है’ कविता में कवि ने प्रकृति की व्यापकता का वर्णन किन रूपों में किया है?                                                                                                                                                                                                     | 2     |
| (ग)                                        | संगतकार किन-किन रूपों में मुख्य गायक-गायिकाओं की मदद करते हैं?                                                                                                                                                                                                                            | 2     |
| (घ)                                        | गोपियों ने किन-किन उदाहरणों के माध्यम से उद्धव को उलाहने दिए?                                                                                                                                                                                                                             | 2     |
| 11.                                        | पूरक पाठ्यपुस्तक के निर्धारित पाठों के आधार पर निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 50-60 शब्दों में लिखिए :                                                                                                                                                  | 2x4=8 |
| (क)                                        | जितेन नार्गे की गाइड की भूमिका के बारे में विचार करते हुए लिखिए कि एक कुशल गाइड में क्या गुण होते हैं?                                                                                                                                                                                    | 4     |
| (ख)                                        | ‘मैं क्यों लिखता हूँ’ पाठ के आधार पर लेखक ने अपने आपको हिरोशिमा के विस्फोट का भोक्ता कब और किस तरह महसूस किया?                                                                                                                                                                            | 4     |
| (ग)                                        | ‘माता का अंचल’ पाठ के आधार पर बताइए कि भोलानाथ और उसके साथियों के खेल और खेलने की सामग्री आपके खेल और खेलने की सामग्री से किस प्रकार भिन्न है?                                                                                                                                            | 4     |
| <b>खंड - घ</b><br><b>( रचनात्मक लेखन )</b> |                                                                                                                                                                                                                                                                                           | 20    |
| 12.                                        | निम्नलिखित में से किसी एक विषय पर संकेत बिंदुओं के आधार पर लगभग 120 शब्दों में एक अनुच्छेद लिखिए :<br>(क) स्मार्ट क्लास की उपयोगिता <ul style="list-style-type: none"> <li>छात्रों की अधिक सक्रियता</li> <li>विषय वस्तु का अधिगम</li> <li>कम समय में अधिक जानकारी प्राप्त करना</li> </ul> | 1x6=6 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|     | <ul style="list-style-type: none"> <li>छात्रों पर प्रभाव</li> </ul> <p>(ख) बचपन बचाओ/ बाल मजदूरी</p> <ul style="list-style-type: none"> <li>बाल मजदूरी का स्वरूप</li> <li>बाल मजदूरी के कारण</li> <li>बचपन में श्रम की हानियाँ</li> <li>बचपन बचाने की आवश्यकता</li> <li>उपाय</li> </ul> <p>(ग) विज्ञापन और हमारा जीवन</p> <ul style="list-style-type: none"> <li>विज्ञापन का उद्देश्य</li> <li>विज्ञापनों के विविध प्रकार</li> <li>विज्ञापनों का सामाजिक दायित्व</li> </ul>                                                                                                                                                                         |       |
| 13. | <p>(क) आप ललित/ललिता हैं कुछ दिनों से आपके क्षेत्र में अपराध बढ़ने लगे हैं उनकी रोकथाम के लिए थाना अध्यक्ष को लगभग <b>100 शब्दों में पत्र</b> लिखिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आप 15 जवाहर रोड, धूलिया में रहते हैं। आपका नाम वैकट सुब्रमण्यम है, अपने मित्र किट्टू स्वामी को अपने विद्यालय में मनाए गए 'अध्यापक दिवस' का विवरण देते हुए लगभग <b>100 शब्दों में एक पत्र</b> लिखिए।</p>                                                                                                                                                                                                                              | 1x5=5 |
| 14. | <p>(क) आप सुनीता/सुरेश हैं। आप राजेंद्र नगर के निवासी हैं। दैनिक समाचार पत्र से पता चला है कि स्थानीय राजकीय माध्यमिक विद्यालय में पुस्तकालय अध्यक्ष का पद रिक्त है। आप उक्त पद की योग्यता ( बी.लिब./पुस्तकालय विज्ञान में स्नातक) को धारण करते हैं। उक्त रिक्त पद हेतु राजकीय माध्यमिक विद्यालय के प्रमुख को आवेदन भेजने हेतु लगभग 80 शब्दों में अपना एक संक्षिप्त स्ववृत्त तैयार कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आप नैतिक/निष्ठा हैं। आपके क्षेत्र अशोक नगर में सफाई व्यवस्था चरमराई हुई है। सफाई कर्मचारी अक्सर अनुपस्थित रहते हैं। नगर निगम अधिकारी को इससे अवगत कराते हुए लगभग 80 शब्दों में ई-मेल कीजिए।</p> | 1x5=5 |
| 15. | <p>(क) स्वास्थ्य मंत्रालय की ओर से स्वच्छता के प्रति सचेत करते हुए एक आकर्षक विज्ञापन 40 शब्दों में तैयार कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(ख) आपकी बड़ी बहन 'मेडिकल प्रवेश परीक्षा' की तैयारी कर रही है। वह प्रवेश परीक्षा में अच्छे अंकों से उत्तीर्ण हो जाए, ऐसी शुभकामना देते हुए लगभग 40 शब्दों में संदेश लिखिए।</p>                                                                                                                                                                                                                                                                                               | 1x4=4 |

**KENDRIYA VIDYALAYA SANGATHAN, MUMBAI REGION****SESSION: 2025 - 26****PREBOARD I EXAMINATION****MATHEMATICS (BASIC) – Code No. 241****CLASS - X****Time Allowed: 3 Hrs****Maximum Marks: 80****General Instructions:**

This Question Paper consist of 38 questions divided into 5 Sections A, B, C, D, and E.

Section A has 20 Multiple Choice Questions (MCQs) carrying 1 mark each.

Section B has 5 Short Answer-I (SA-I) type questions carrying 2 marks each.

Section C has 6 Short Answer-II (SA-II) type questions carrying 3 marks each.

Section D has 4 Long Answer (LA) type questions carrying 5 marks each.

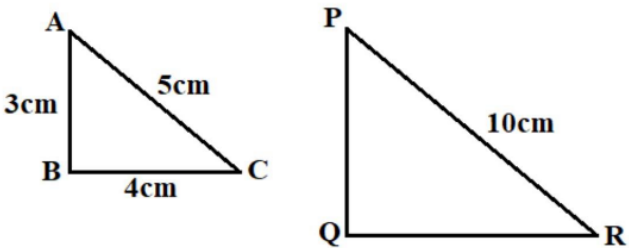
Section E has 3 sourced based/Case Based/passage based/integrated units of assessment (4 marks each) with sub-parts of the values of 1, 1 and 2 marks each respectively.

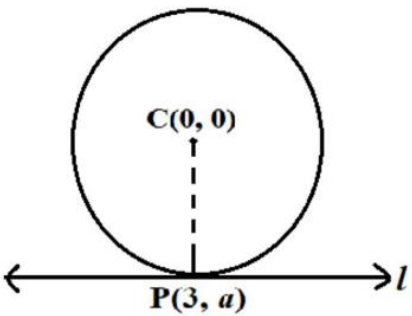
All Questions are compulsory. However internal choice has been provided in each section except section A.

Draw neat figures wherever required. Take  $\pi = 22/7$  wherever required if not stated.

**SECTION -A**

|   |                                                                                                                                                                                     |   |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 1 | The LCM of two numbers is 182 and their HCF is 13. If one of the numbers is 26, the other number is.<br>(a) 84 (b) 90 (c) 81 (d) 91                                                 | 1 |
| 2 | Find the quadratic polynomial whose sum and product of zeroes are 0 and $\sqrt{5}$ respectively.<br>(a) $x^2 - \sqrt{5}x$ (b) $x^2 - 6$ (c) $x^2 - \sqrt{5}$ , (d) $x^2 + \sqrt{5}$ | 1 |
| 3 | The system of equations $kx - y = 2$ and $6x - 2y = 3$ has a unique solution when:<br>(a) $k = 0$ (b) $k \neq 0$ (c) $k = 3$ (d) $k \neq 3$                                         | 1 |
| 4 | If one root of the quadratic equation $2x^2 + kx - 6 = 0$ is 2, the value of k is<br>(a) 1 (b) -1 (c) 2 (d) -2                                                                      | 1 |
| 5 | In an AP, if $d = -4$ , $n = 7$ , $a_n = 4$ , then a is<br>(a) 6 (b) 7 (c) 20 (d) 28                                                                                                | 1 |
| 6 | If $k-1$ , $k+3$ and $3k-1$ are in AP, then find the value of k<br>(a) 4 (b) 5 (c) 3 (d) 7                                                                                          | 1 |
| 7 | The x- axis divides the join of P(2, -3) and Q(5, 6) in the ratio:<br>(a) 2 : 3 (b) 1 : 2 (c) 2 : 1 (d) 3 : 5                                                                       | 1 |
| 8 | Which of the following is NOT a similarity criterion of triangles?<br>(a) AA (b) SAS (c) AAA (d) RHS                                                                                | 1 |

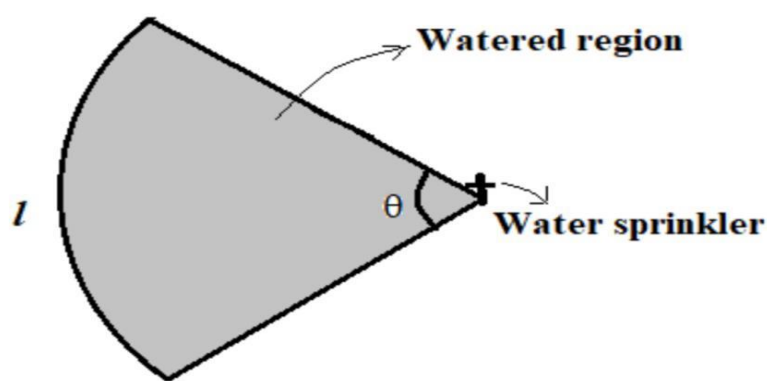
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-----------|---|----|----|----|----|---|---|
| 9         | Find the coordinates of the centre of the circle where coordinates of the ends of the diameter are (a,b) and (-a,-b)<br>(a)(0,0)      (b) (a,b)      (c) (-a,-b)      (d) (a/2,b/2)                                                                                                                                                                                                                                                                                                                                                                             | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 10        | If $\triangle ABC \sim \triangle PQR$ , then perimeter of the triangle PQR (in cm) is<br>(a) 12 cm      (b) 24 cm      (c) 18 cm      (d) 20 cm<br><div></div>                                                                                                                                                                                                                                                                                                                 | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 11        | If the angle between two radii of a circle is $110^\circ$ , then the angle between the tangents at the ends of the radii is:<br>(a) $90^\circ$ (b) $50^\circ$ (c) $70^\circ$ (d) $40^\circ$                                                                                                                                                                                                                                                                                                                                                                     | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 12        | $(1 - \sin^2 A)$ is equal to<br>a) $\cos^2 A$ b) $\tan^2 A$ c) $1 - \sin^2 A$ d) $\sec^2 A$                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 13        | The length of the tangent drawn from a point 8 cm away from the centre of a circle of radius 6 cm is<br>(a) 10 cm      (b) 5 cm      (c) 7 cm      (d) $2\sqrt{7}$ cm                                                                                                                                                                                                                                                                                                                                                                                           | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 14        | Consider the following frequency distribution<br><table border="1"><tr><td>Class</td><td>5-15</td><td>15-25</td><td>25-35</td><td>35-45</td><td>45-55</td><td>55-65</td></tr><tr><td>frequency</td><td>6</td><td>11</td><td>21</td><td>23</td><td>14</td><td>5</td></tr></table> <p>The upper limit of modal class is:<br/>(a) 23      (b) 35      (c) 45      (d) 80</p>                                                                                                                                                        | Class | 5-15  | 15-25 | 25-35 | 35-45 | 45-55 | 55-65 | frequency | 6 | 11 | 21 | 23 | 14 | 5 | 1 |
| Class     | 5-15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15-25 | 25-35 | 35-45 | 45-55 | 55-65 |       |       |           |   |    |    |    |    |   |   |
| frequency | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11    | 21    | 23    | 14    | 5     |       |       |           |   |    |    |    |    |   |   |
| 15        | Find the area of a sector of circle of radius 21 cm and central angle $120^\circ$ .<br>(a) $441 \text{ cm}^2$ (b) $462 \text{ cm}^2$ (c) $386 \text{ cm}^2$ (d) $512 \text{ cm}^2$                                                                                                                                                                                                                                                                                                                                                                              | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 16        | If $\tan x = 1$ , then what is the value of x<br>(a) $30^\circ$ (b) $45^\circ$ (c) $60^\circ$ (d) $90^\circ$                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 17        | The relationship between mean, median and mode for a moderately skewed distribution is<br>(a) mode = median – 2 mean      (b) mode = 3 median – 2 mean<br>(c) mode = 2 median – 3 mean      (d) mode = median – mean                                                                                                                                                                                                                                                                                                                                            | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
| 18        | <b>The probability that cannot exist among the following:</b><br>(a) $\frac{2}{3}$ (b) -1.5      (c) 15%      (d) 0.7                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1     |       |       |       |       |       |       |           |   |    |    |    |    |   |   |
|           | <b>DIRECTION:</b> In the question number 19 and 20, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct option<br>(a) Both <b>assertion (A)</b> and reason (R) are true and reason (R) is the correct explanation of <b>assertion (A)</b><br>(b) Both <b>assertion (A)</b> and <b>reason (R)</b> are true but reason (R) is not the correct explanation of <b>assertion (A)</b> .<br>(c) <b>Assertion (A)</b> is true but <b>reason (R)</b> is false.<br>(d) <b>Assertion (A)</b> is false but <b>reason (R)</b> is true. |       |       |       |       |       |       |       |           |   |    |    |    |    |   |   |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 19.               | <b>Assertion (A):</b> Line joining the midpoints of two sides of triangle is parallel to the third side.<br><b>Reason(R):</b> If a line divides two sides of a triangle in the same ratio then it is parallel to the third side.                                                                                                                                                                                                            | 1 |
| 20                | <b>Assertion (A):</b> The sum of probabilities of all possible outcomes of a random experiment is 1.<br><b>Reason(R):</b> The probability of an impossible event is 0.                                                                                                                                                                                                                                                                      | 1 |
| <b>SECTION -B</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
| 21                | Three bells ring at intervals of 6, 8, and 12 minutes. If they ring together at 7:00 AM, when will they next ring together?<br>OR<br>The sum of two numbers is 90 and their LCM is 60. If one number is 30, find the other number and the HCF of these numbers.                                                                                                                                                                             | 2 |
| 22                | Find the radius of the circle with centre at origin, if line L given by $x+y = 5$ is tangent to the circle at point P(3,a)<br>                                                                                                                                                                                                                            | 2 |
| 23                | If $4 \tan \theta = 3$ , then evaluate : $\frac{(4 \sin \theta - \cos \theta)}{(4 \sin \theta + \cos \theta)}$<br>OR<br>Evaluate: $\sin^2 60^\circ + 2 \tan 45^\circ - \cos^2 30^\circ$ .                                                                                                                                                                                                                                                   | 2 |
| 24                | If $\alpha$ and $\beta$ are zeroes of the polynomial $2x^2 - 5x + 7$ , then find the value of $\alpha^{-1} + \beta^{-1}$ .                                                                                                                                                                                                                                                                                                                  | 2 |
| 25                | The sum of two numbers is 27 and their product is 182. Find the numbers using a quadratic equation.                                                                                                                                                                                                                                                                                                                                         | 2 |
| <b>SECTION -C</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
| 26                | Prove that $3-2\sqrt{2}$ is an irrational number, given that $\sqrt{2}$ is irrational                                                                                                                                                                                                                                                                                                                                                       | 3 |
| 27                | The sum of first n terms of an AP is $5n^2 - n$ . Find the 1st, 2 <sup>nd</sup> , 10 <sup>th</sup> and nth term of the AP.                                                                                                                                                                                                                                                                                                                  | 3 |
| 28                | Two friends, Riya and Meena, are planning to buy notebooks and pens for an NGO. Riya buys 4 notebooks and 6 pens for ₹72. Meena buys 2 notebooks and 4 pens for ₹40.<br>(i) Represent the situation algebraically.<br>(ii) Find the cost of one notebook and one pen using graphical method.<br>OR<br>The sum of the digits of a two-digit number is 9. If 27 is added to the number, the digits interchange their places. Find the number. | 3 |
| 29                | Prove that: $(\sin A + \operatorname{cosec} A)^2 + (\cos A + \sec A)^2 = 7 + \tan^2 A + \cot^2 A$                                                                                                                                                                                                                                                                                                                                           | 3 |
| 30                | Show that parallelogram circumscribing a circle is a rhombus.                                                                                                                                                                                                                                                                                                                                                                               | 3 |
| 31                | If the median of the following frequency distribution is 35, find the value of k.                                                                                                                                                                                                                                                                                                                                                           | 3 |

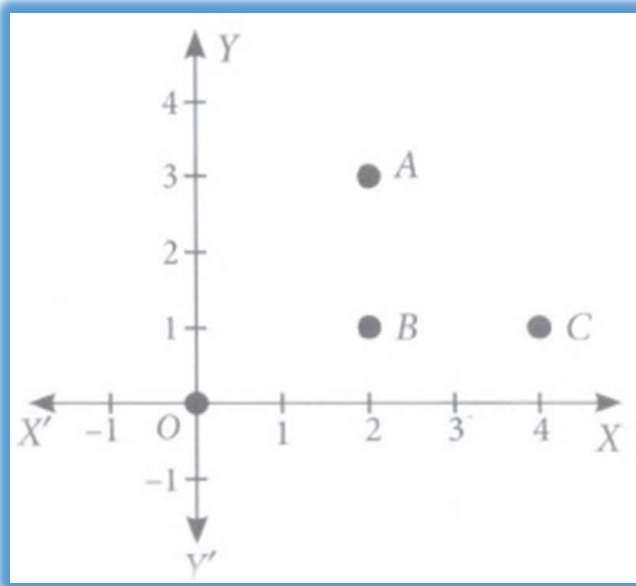
|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------|----------------|----------------|--------------|--------------|--------------|------------------|----------|----------|----------|----------|----------|----------|------------------------|----------------|----------------|----------------|----------------|----------------|----------|----------|-----------|-----------|-----------|----------|--|
|                        | <table><tr><td><b>Class int</b></td><td><b>20-25</b></td><td><b>25-30</b></td><td><b>30-35</b></td><td><b>35-40</b></td><td><b>40-45</b></td><td><b>45-50</b></td></tr><tr><td><b>frequency</b></td><td><b>2</b></td><td><b>5</b></td><td><b>8</b></td><td><b>K</b></td><td><b>4</b></td><td><b>5</b></td></tr></table> <p style="text-align: center;">OR</p> <p>The following data gives the heights of students of a class:</p> <table><tr><td><b>No. of students</b></td><td><b>160-165</b></td><td><b>165-170</b></td><td><b>170-175</b></td><td><b>175-180</b></td><td><b>180-185</b></td></tr><tr><td><b>Y</b></td><td><b>5</b></td><td><b>10</b></td><td><b>20</b></td><td><b>10</b></td><td><b>5</b></td></tr></table> <p>Find the mode of the data.</p> | <b>Class int</b> | <b>20-25</b>   | <b>25-30</b>   | <b>30-35</b>   | <b>35-40</b> | <b>40-45</b> | <b>45-50</b> | <b>frequency</b> | <b>2</b> | <b>5</b> | <b>8</b> | <b>K</b> | <b>4</b> | <b>5</b> | <b>No. of students</b> | <b>160-165</b> | <b>165-170</b> | <b>170-175</b> | <b>175-180</b> | <b>180-185</b> | <b>Y</b> | <b>5</b> | <b>10</b> | <b>20</b> | <b>10</b> | <b>5</b> |  |
| <b>Class int</b>       | <b>20-25</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>25-30</b>     | <b>30-35</b>   | <b>35-40</b>   | <b>40-45</b>   | <b>45-50</b> |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| <b>frequency</b>       | <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>5</b>         | <b>8</b>       | <b>K</b>       | <b>4</b>       | <b>5</b>     |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| <b>No. of students</b> | <b>160-165</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>165-170</b>   | <b>170-175</b> | <b>175-180</b> | <b>180-185</b> |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| <b>Y</b>               | <b>5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>10</b>        | <b>20</b>      | <b>10</b>      | <b>5</b>       |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
|                        | <b>SECTION -D</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 32                     | State and prove Basic Proportionality theorem.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 33                     | <p>A train travels 360km at a uniform speed. If the speed had been 5km/h more, it would have taken 1 hour less for the same journey. Find the speed of the train.</p> <p style="text-align: center;"><b>OR</b></p> <p>A rectangular park is 60 m long and 40 m wide. A path of uniform width runs around the park inside it. The area of the path is 384 m<sup>2</sup>. Find the width of the park</p>                                                                                                                                                                                                                                                                                                                                                           | 5                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 34                     | A hemispherical depression is cut out from one face of a wooden cylinder of radius 7 cm and height 10 cm. Find the total surface area of the remaining solid. Also find the amount of wood remaining in the solid.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 35                     | <p>The angle of elevation of the top of a building from the foot of the tower is 30° and the angle of elevation of the top of the tower from the foot of the building is 60°.</p> <p>If the tower is 50 m high, find the height of the building.</p> <p style="text-align: center;"><b>OR</b></p> <p>The angle of depression of the top and bottom of a building from the top of a 40 m high tower are found to be 30° and 45° respectively. Find the horizontal distance between the building and tower and the height of building.</p>                                                                                                                                                                                                                         | 5                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
|                        | <b>SECTION -E</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 36                     | A group of students conducted a survey to find out about the preferred mode of transportation to school among their classmates. They surveyed 200 students from their school. The results of the survey are as follows: 120 students preferred to walk to school. 25% of the students preferred to use bicycles. 10% of the students preferred to take the bus. Remaining students preferred to be dropped off by car. Based on the above information, answer the following questions:                                                                                                                                                                                                                                                                           |                  |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| i                      | What is the probability that a randomly selected student does not prefer to walk to school?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| ii                     | Find the probability of a randomly selected student who prefers to walk or use a bicycle.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| iii                    | <p>One day 50% of walking students decided to come by bicycle. What is the probability that a randomly selected student comes to school using a bicycle on that day?</p> <p style="text-align: center;"><b>OR</b></p> <p>What is the probability that a randomly selected student prefers to be dropped off by car?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |
| 37                     | A water sprinkler is a device used to irrigate agricultural crops, lawns, landscapes, golf courses, and other areas. Water sprinklers can be used for residential, industrial, and agricultural usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                |                |                |              |              |              |                  |          |          |          |          |          |          |                        |                |                |                |                |                |          |          |           |           |           |          |  |



A water sprinkler is set to shoot a stream of water a distance of 21 m and rotate through an angle which is equal to complementary angle of  $10^\circ$ .

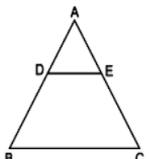
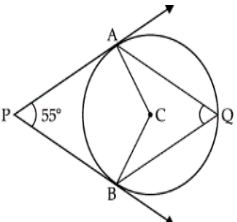


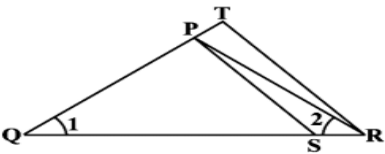
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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| i   | What is the area of sector in terms of arc length?                                                                                                                                                                                                                                                                                                                                                                                                               | 1 |
| ii  | What is the area of the watered region (in terms of $\pi$ )?                                                                                                                                                                                                                                                                                                                                                                                                     | 1 |
| iii | <p>If the radius(<math>r</math>) changes to 28m, find the angle <math>\theta</math> so that the area of the watered region remains the same.</p> <p>OR</p> <p>If the radius(<math>r</math>) is increased from 21m to 28m and the angle remains the same, what is the increase in the area of the watered region</p>                                                                                                                                              | 2 |
| 38  | <p>Alia and Shagun are friends living on the same street in Patel Nagar. Shagun's house is at the intersection of one street with another street on which there is a library. They both study in the same school and that is not far from Shagun's house. Suppose the school is situated at the point O, i.e., the origin, Alia's house is at A. Shagun's house is at B and library is at C. Based on the above information, answer the following questions.</p> |   |

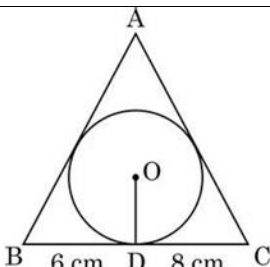
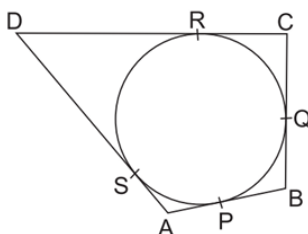
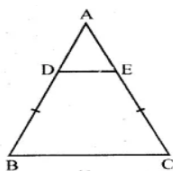


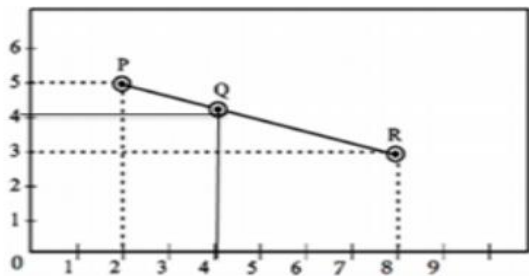
|     |                                                                                                                                                                                                   |   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| i   | How far is Alia's house from Shagun's house?                                                                                                                                                      | 1 |
| ii  | How far is the library from Shagun's house?                                                                                                                                                       | 1 |
| iii | <p>Show that for Shagun, school is farther compared to Alia's house and library.</p> <p><b>OR</b></p> <p>Show that Alia's house, shagun's house and library form an isosceles right triangle.</p> | 2 |

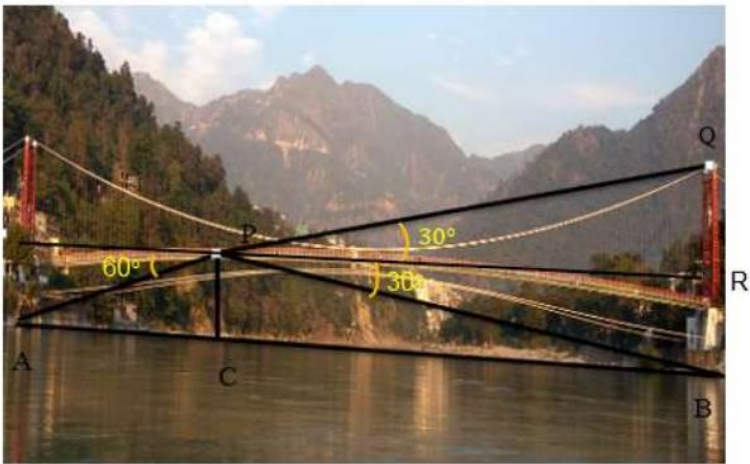
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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <p style="text-align: center;"><b><u>KENDRIYA VIDYALAYA SANGATHAN, MUMBAI REGION</u></b><br/> <b><u>SESSION: 2025 - 26</u></b><br/> <b><u>PREBOARD I EXAMINATION</u></b><br/> <b><u>MATHEMATICS (STANDARD) – 041</u></b><br/> <b><u>CLASS - X</u></b><br/> <b><u>Maximum Marks: 80</u></b> <span style="float: right;"><b><u>Time: 3 hours</u></b></span></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                       |   |
| <p><b><u>General Instructions:</u></b><br/> <b>Read the following instructions carefully and follow them:</b><br/> 1. This question paper contains 38 questions. All Questions are compulsory.<br/> 2. This Question Paper is divided into 5 Sections A, B, C, D and E.<br/> 3. In Section A, Question numbers 1-18 are multiple choice questions (MCQs) and questions no. 19 and 20 are Assertion- Reason based questions of 1 mark each.<br/> 4. In Section B, Question numbers 21-25 are very short answer (VSA) type questions, carrying 02 marks each.<br/> 5. In Section C, Question numbers 26-31 are short answer (SA) type questions, carrying 03 marks each.<br/> 6. In Section D, Question numbers 32-35 are long answer (LA) type questions, carrying 05 marks each.<br/> 7. In Section E, Question numbers 36-38 are case study-based questions carrying 4 marks each with sub parts of the values of 1, 1 and 2 marks each respectively.<br/> 8. There is no overall choice. However, an internal choice in 2 questions of Section B, 2 questions of Section C and 2 questions of Section D has been provided. An internal choice has been provided in all the 2 marks questions of Section E.<br/> 9. Draw neat and clean figures wherever required. Take <math>\pi = 22/7</math><br/> 10. Use of calculators is not allowed. wherever required if not stated.</p> |                                                                                                                                                                                       |   |
| <b>SECTION A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                       |   |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | The ratio of LCM and HCF of 2 and 4 is<br>(a). 2:4      (b) 2:1      (c) 2:2      (d) 3:4                                                                                             | 1 |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | If $\alpha$ and $\beta$ are the zeros of a polynomial $f(x) = px^2 - 2x + 3p$ and $\alpha + \beta = \alpha\beta$ , then p is<br>(a)-2/3      (b) 2/3      (c) 1/3      (d) -1/3       | 1 |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | For what value of k will the pair of linear equations $x - 2y = 3$ and $-3x + ky = -9$ have infinitely many solutions?<br>(a) (-6)      (b) -3      (c) 3      (d) 6                  | 1 |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | If one root of equation $4x^2 - 2x + k - 4 = 0$ is reciprocal of the other. Then find the value of k.<br>(a) -8      (b) 8      (c) -4      (d) 4                                     | 1 |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | If k, $2k - 1$ and $2k + 1$ are three consecutive terms of an A.P., then the value of k is<br>(a) 2      (b) -3      (c) 3      (d) 5                                                 | 1 |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | The distance of the point (-6, 8) from x-axis is<br>(a) 6 units      (b) -6 units      (c) 8 units      (d) 10 units                                                                  | 1 |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | The coordinates of a point P, where PQ is the diameter of a circle whose center is (2, -3) and Q is (1, 4) is:<br>(a) (3, -10)      (b) (2, -10)      (c) (-3, 10)      (d) (-2, 10). | 1 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     |   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|
| 8  | <p>In the <math>\triangle ABC</math>, D and E are points on side AB and AC respectively such that <math>DE \parallel BC</math>. If <math>AE = 2</math> cm, <math>AD = 3</math> cm and <math>BD = 4.5</math> cm, then CE equals</p> <p>(a) 1                      (b) 2                      (c) 3                      (d)</p>                                                                                                                                                                                           |  | 1 |
| 9  | <p>If <math>\triangle ABC</math> is right angled at C, then the value of <math>\sin (A + B)</math> is</p> <p>(a) 0                      (b) 1                      (c) <math>1/2</math>                      (d) <math>\sqrt{3}/2</math></p>                                                                                                                                                                                                                                                                             |                                                                                     | 1 |
| 10 | <p>A student uses a clinometer to measure the height of a flagpole. The angle of elevation from a point 75 m away from the pole is <math>30^\circ</math>. What is the height of the flagpole (in meters)?</p> <p>(a) <math>25\sqrt{3}</math>                      (b) <math>75\sqrt{3}</math>                      (c) 150                      (d) <math>50\sqrt{3}</math></p>                                                                                                                                          |                                                                                     | 1 |
| 11 | <p>If <math>2\sin^2 A - \cos^2 A = 2</math>, then A is:</p> <p>(a) <math>90^\circ</math>                      (b) <math>0^\circ</math>                      (c) <math>45^\circ</math>                      (d) <math>30^\circ</math></p>                                                                                                                                                                                                                                                                                 |                                                                                     | 1 |
| 12 | <p>The area of a circle that can be inscribed in a square of side 6 cm is:</p> <p>(a) <math>36\pi \text{ cm}^2</math>                      (b) <math>18\pi \text{ cm}^2</math>                      (c) <math>9\pi \text{ cm}^2</math>                      (d) <math>12\pi \text{ cm}^2</math></p>                                                                                                                                                                                                                      |                                                                                     | 1 |
| 13 | <p>In the given figure, PA and PB are tangents from external point P to a circle with centre C and Q is any point on the circle. Then the measure of <math>\angle AQB</math> is</p> <p>(a) <math>62\frac{1}{2}^\circ</math>                      (b) <math>55^\circ</math></p> <p>(c) <math>125^\circ</math>                      (d) <math>90^\circ</math></p>                                                                                                                                                          |  | 1 |
| 14 | <p>If the sum of the areas of two circles with radii <math>R_1</math> and <math>R_2</math> is equal to the area of a circle of radius R, then:</p> <p>(a) <math>R_1^2 + R_2^2 = R^2</math>                      (b) <math>R_1 + R_2 &lt; R</math>                      (c) <math>R_1 + R_2 = R</math>                      (d) <math>R_1 + R_2 &lt; R_2</math></p>                                                                                                                                                       |                                                                                     | 1 |
| 15 | <p>The length of a tangent from a point A at a distance 5 cm from the centre of the circle is 4 cm. The radius of the circle is</p> <p>(a) 3 cm                      (b) 5 cm                      (c) 7 cm                      (d) 10 cm</p>                                                                                                                                                                                                                                                                           |                                                                                     | 1 |
| 16 | <p>What is the probability of getting 53 Mondays in a Leap year?</p> <p>(a) <math>1/7</math>                      (b) <math>1/5</math>                      (c) <math>2/7</math>                      (d) <math>3/5</math></p>                                                                                                                                                                                                                                                                                           |                                                                                     | 1 |
| 17 | <p>Rahul is playing with two dice. what is the probability of getting not doublet?</p> <p>(a) <math>1/3</math>                      (b) <math>1/6</math>                      (c) <math>1/5</math>                      (d) <math>5/6</math></p>                                                                                                                                                                                                                                                                         |                                                                                     | 1 |
| 18 | <p>A card is drawn at random from a well-shuffled pack of 52 cards. The probability that the card drawn is not an ace is</p> <p>(a) <math>1/13</math>                      (b) <math>9/13</math>                      (c) <math>4/13</math>                      (d) <math>12/13</math></p>                                                                                                                                                                                                                              |                                                                                     | 1 |
|    | <p><b>DIRECTION:</b> In the question number 19 and 20, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct option</p> <p>(a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)</p> <p>(b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).</p> <p>(c) Assertions (A) is true but reason (R) is false.</p> <p>(d) Assertions (A) is false but reason (R) is true.</p> |                                                                                     |   |

|                  |                                                                                                                                                                                                                                                                                                                                                    |   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 19               | <b>Assertion (A):</b> If the second term of an A.P., is 13 and the fifth term is 25, then its 7th term is 33.<br><b>Reason (R):</b> If the common difference of an A.P is 5, then $a_{18} - a_{13}$ is 25.                                                                                                                                         | 1 |
| 20               | <b>Assertion (A):</b> The radii of two cones are in the ratio 2 : 3 and their volumes in the ratio 1 : 3. Then the ratio of their heights is 3 : 2.<br><b>Reason (R):</b> Volume of the cone = $\frac{1}{3} (\pi r^2 h)$ .                                                                                                                         | 1 |
| <b>SECTION B</b> |                                                                                                                                                                                                                                                                                                                                                    |   |
| 21               | Find HCF and LCM of 404 and 96 and verify that $\text{HCF} \times \text{LCM} = \text{Product of the two given numbers}$ .                                                                                                                                                                                                                          | 2 |
| 22               | A ladder 15 m long just reaches the top of a vertical wall. If the ladder makes an angle of $60^\circ$ with the wall, then find the height of the wall .<br>OR<br>Evaluate: $(5\sin^2 30 + \cos^2 45 + 4 \tan^2 60) / (2\sin^2 30 \cos^2 60 + \tan^2 45)$                                                                                          | 2 |
| 23               | In the given figure, $QR / QS = QT / PR$ and $\angle 1 = \angle 2$ , Show that $\Delta PQS \sim \Delta TQR$ .<br>                                                                                                                                                | 2 |
| 24               | A student draws tangents from an external point and measures its lengths, prove that the lengths of the tangents drawn from an external point to a circle are equal.                                                                                                                                                                               | 2 |
| 25               | A horse is placed for grazing inside a rectangular field 70 m by 52 m and is tethered to one corner by a rope 28 m long. On how much area can it graze?<br>OR<br>The length of the minute hand of a clock is 14 cm. Find the area swept by the minute hand in 5 minutes.                                                                           | 2 |
| <b>SECTION C</b> |                                                                                                                                                                                                                                                                                                                                                    |   |
| 26               | Prove that $\sqrt{5}$ is an irrational number.                                                                                                                                                                                                                                                                                                     | 3 |
| 27               | The relationship between the times $x$ (in hours) of travel and the distances $y$ covered (in kilometers) of the two cars is represented by the following equations<br>$2x + y = 6$<br>$2x - y - 2 = 0$<br>Solve the following system of equations graphically and calculate the area of the triangle formed by these two lines and the $x$ -axis. | 3 |
| 28               | In Figure, a triangle ABC is drawn to circumscribe a circle of radius 4 cm such that the circle touches the side BC at point D, dividing BC into segments $BD = 6\text{cm}$ and $DC = 8\text{cm}$ . If the area of $\Delta ABC$ is $84 \text{ cm}^2$ , find the lengths of sides AB and AC.                                                        | 3 |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |        |       |        |                    |   |    |    |   |   |   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|--------|-------|--------|--------------------|---|----|----|---|---|---|
|                    | <div></div> <div>OR</div> <div>A quadrilateral ABCD is drawn to circumscribe a circle, as shown in the given</div> <div></div> <div>Show that <math>AB+CD=AD+BC</math>.</div>                                                                                                                                                                                                                      |       |       |       |        |       |        |                    |   |    |    |   |   |   |
| 29                 | <p>The area of a rectangular garden (in <math>m^2</math>) is given by <math>p(x) = 2x^2 - x - 6</math>, where <math>x</math> is its length (in m).</p> <p>(i) For which two values of <math>x</math> will the area be zero?</p> <p>(ii) Verify the relationship between the zeroes and the coefficients.</p>                                                                                                                                                                                                                                                          | 3     |       |       |        |       |        |                    |   |    |    |   |   |   |
| 30                 | <p>Prove that: <math>(\sin A + \operatorname{cosec} A)^2 + (\cos A + \sec A)^2 = 7 + \tan^2 A + \cot^2 A</math></p> <div>OR</div> <p>If <math>x = p \sec \theta + q \tan \theta</math> and <math>y = p \tan \theta + q \sec \theta</math>, then prove that <math>x^2 - y^2 = p^2 - q^2</math></p>                                                                                                                                                                                                                                                                     | 3     |       |       |        |       |        |                    |   |    |    |   |   |   |
| 31                 | <p>A school's marks distribution is given below. Find the mode and suggest about student performance?</p> <table><tr><td>Marks</td><td>0-20</td><td>20-40</td><td>40-60</td><td>60-80</td><td>80-100</td></tr><tr><td>Number of Students</td><td>5</td><td>10</td><td>12</td><td>6</td><td>3</td></tr></table>                                                                                                                                                                                                                                                        | Marks | 0-20  | 20-40 | 40-60  | 60-80 | 80-100 | Number of Students | 5 | 10 | 12 | 6 | 3 | 3 |
| Marks              | 0-20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20-40 | 40-60 | 60-80 | 80-100 |       |        |                    |   |    |    |   |   |   |
| Number of Students | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10    | 12    | 6     | 3      |       |        |                    |   |    |    |   |   |   |
| SECTION D          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |       |       |        |       |        |                    |   |    |    |   |   |   |
| 32                 | <p>Prove that if a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio</p> <p>Using the above result, prove the following.</p> <p>In the given figure, <math>DE \parallel BC</math> and <math>BD = CE</math>.</p> <p>Prove that <math>\triangle ABC</math> is an isosceles triangle.</p> <div></div>                                                                         | 5     |       |       |        |       |        |                    |   |    |    |   |   |   |
| 33                 | <p>The age of a man is twice the square of the age of his son. Eight years hence, the age of the man will be 4 years more than three times the age of his son. Find their present ages.</p>                                                                                                                                                                                                                                                                                                                                                                           | 5     |       |       |        |       |        |                    |   |    |    |   |   |   |
| 34                 | <p>A vessel full of water is in the form of an inverted cone of height 8 cm and the radius of its top, which is open, is 5 cm. 100 spherical lead balls are dropped into the vessel. One fourth of the water flows out of the vessel. Find the radius of a spherical ball.</p> <div>OR</div> <p>A tent is in the shape of a cylinder surmounted by a conical top. If the height and radius of the cylindrical part are 3 m and 14 m respectively, and the total height of the tent is 13.5 m, find the area of the canvas required for making the tent, keeping a</p> | 5     |       |       |        |       |        |                    |   |    |    |   |   |   |

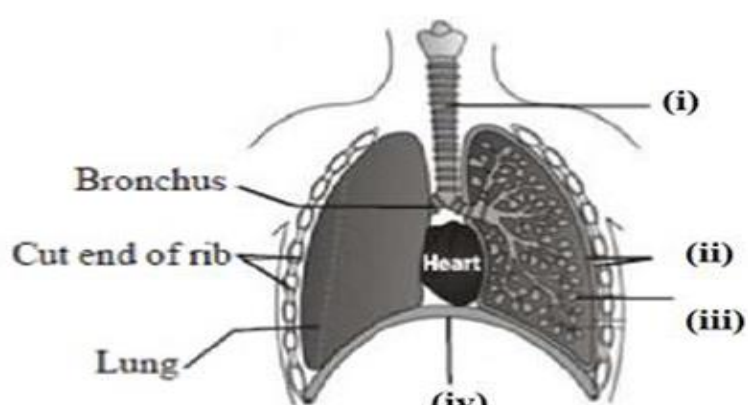
|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |         |         |         |         |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|---------|---------|---------|---------|---------|--------------------|---|---|----|----|---|---|-------|-----|------|-------|-------|-------|-------|-------|-------|-----------------|---|---|----|-------|----|-------|----|---|---|
|                    | provision of $26 \text{ m}^2$ of canvas for stitching and wastage. Also, find the cost of the canvas to be purchased at the rate of ₹ 500 per $\text{m}^2$ .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |         |         |         |         |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| 35                 | <p>The table below shows the distribution of marks obtained by the students in a mathematics test. Find the mean and median marks obtained by the student.</p> <table><tr><td>Marks Scored</td><td>20-60</td><td>60-100</td><td>100-140</td><td>140-180</td><td>180-220</td><td>220-260</td></tr><tr><td>Number of students</td><td>7</td><td>5</td><td>16</td><td>12</td><td>2</td><td>3</td></tr></table> <p style="text-align: center;"><b>OR</b></p> <p>The distribution below gives the marks of 100 students of a class, if the median marks are 24, find the frequencies <math>f_1</math> and <math>f_2</math>.</p> <table><tr><td>Marks</td><td>0-5</td><td>5-10</td><td>10-15</td><td>15-20</td><td>20-25</td><td>25-30</td><td>30-35</td><td>35-40</td></tr><tr><td>No. of students</td><td>4</td><td>6</td><td>10</td><td><math>f_1</math></td><td>25</td><td><math>f_2</math></td><td>18</td><td>5</td></tr></table> | Marks Scored             | 20-60   | 60-100  | 100-140 | 140-180 | 180-220 | 220-260 | Number of students | 7 | 5 | 16 | 12 | 2 | 3 | Marks | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | No. of students | 4 | 6 | 10 | $f_1$ | 25 | $f_2$ | 18 | 5 | 5 |
| Marks Scored       | 20-60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 60-100                   | 100-140 | 140-180 | 180-220 | 220-260 |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| Number of students | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5                        | 16      | 12      | 2       | 3       |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| Marks              | 0-5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5-10                     | 10-15   | 15-20   | 20-25   | 25-30   | 30-35   | 35-40   |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| No. of students    | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6                        | 10      | $f_1$   | 25      | $f_2$   | 18      | 5       |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
|                    | <b>SECTION E</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                          |         |         |         |         |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| 36                 | <p>Three friends Ankur, Kunal, and Chetan are standing in different lines to buy movie tickets. Their positions are shown by P, Q, R in the plot diagram.</p> <div></div> <p>Answer the following:</p> <p>(i) Find how far Ankur (P) and Chetan (R) are from each other.</p> <p>(ii) Is Kunal exactly halfway between Ankur and Chetan? Check by finding the midpoint of PR.</p> <p>(iii) Find the point on the x-axis that is at the same distance from P and Q.</p> <p style="text-align: center;"><b>OR</b></p> <p>If a point S divides the line joining P and Q in the ratio 2 : 3, find the coordinates of S.</p>                                                                                                                                                                                                                        | 1<br>1<br>2<br><br><br>2 |         |         |         |         |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |
| 37                 | Some students went on a trip to a wildlife park. They climbed up a watchtower (P) that was 18 meters above a small lake. From the top, they noticed two points A and B on the opposite sides of the lake. The angle of depression from the tower to point A was $60^\circ$ , and to point B was $30^\circ$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |         |         |         |         |         |         |                    |   |   |    |    |   |   |       |     |      |       |       |       |       |       |       |                 |   |   |    |       |    |       |    |   |   |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
|    |  <p>Now, answer the following:</p> <p>(i) Find the distance PA.</p> <p>(ii) Find the distance PB.</p> <p>(iii) Find the width of the lake (AB).</p> <p style="text-align: center;">OR</p> <p>If a bird at point Q is seen from P at an angle of elevation of <math>30^\circ</math>, find how high the bird (BQ) is above the lake.</p>                                                                                                                                                                                                                                                                | <p>1</p> <p>1</p> <p>2</p> <p>2</p> |
| 38 | <p>Neha saves ₹24 during the first month, ₹30 in the second month and ₹36 in the third month. She continues to save in this manner.</p>  <p>On the basis of above information answer the following questions.</p> <p>(i) Whether the monthly savings of Neha form an AP or not? If yes then write the first term and common difference.</p> <p>(ii) What is the amount that she will save in 15th month?</p> <p>(iii) In which month, will she save ₹66?</p> <p style="text-align: center;">OR</p> <p>What is the common difference of an AP whose <math>n</math>th term is <math>8 - 5n</math>?</p> | <p>1</p> <p>1</p> <p>2</p> <p>2</p> |

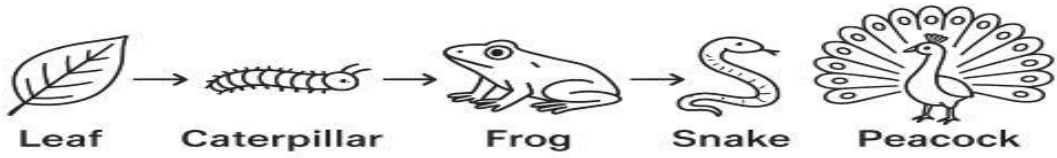
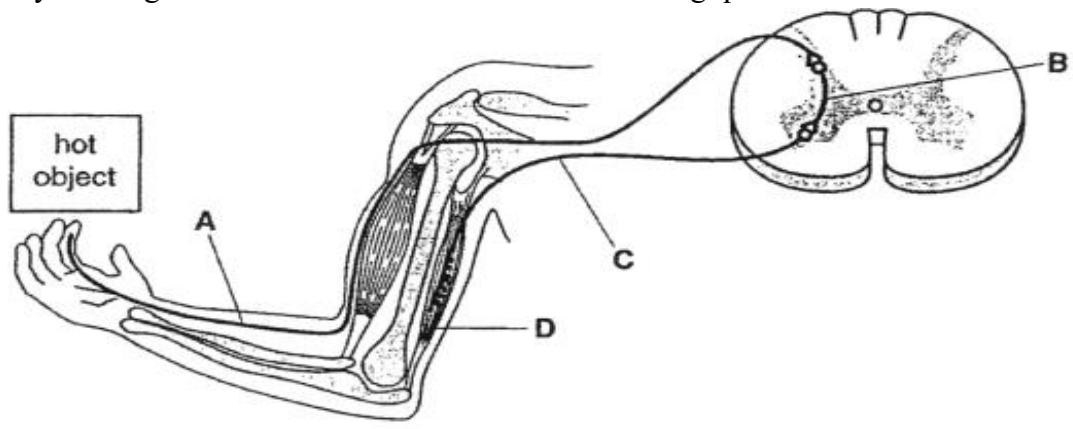
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**KENDRIYA VIDYALAYA SANGATHAN MUMBAI REGION****PRE-BOARD I EXAMINATION 2025-26****SCIENCE (086)****CLASS- X****Max. Marks: 80****Time Allowed: 3 hours****General Instructions:**

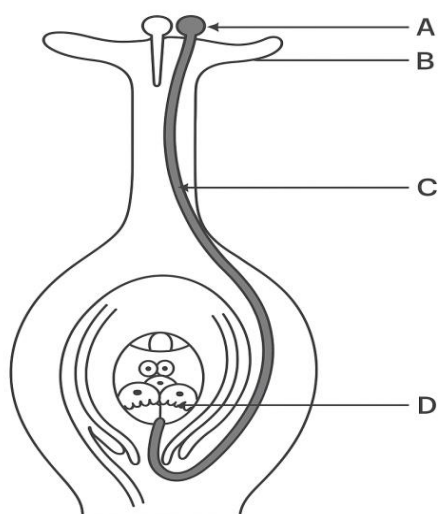
- (i) This question paper consists of 39 questions in 3 sections. Section A is Biology, Section B is Chemistry and Section C is Physics.
- (ii) All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.

|    | <b>Section - A</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Marks</b> |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1. | An organism which breaks down the food material outside the body and then absorbs it is<br>(a) A plant parasite, Cuscuta (b) An animal parasite, Tapeworm<br>(c) A bacterium, Rhizobium (d) A fungi, Rhizopus                                                                                                                                                                                                                                                                                                                                                         | 1            |
| 2. | Carefully study the diagram of the human respiratory system with labels (i), (ii), (iii) and (iv). Select the option which gives correct identification and main function and /or characteristic.<br><br>(a) Trachea (i): It is supported by bony rings for conducting inspired air.<br>(b) Ribs (ii): When we breathe out, ribs are lifted.<br>(c) Alveoli (iii): Thin-walled sac like structures for exchange of gases.<br>(d) Diaphragm(iv): It is pulled up when we breathe in. | 1            |
| 3. | There was a cerebellar dysfunction in a patient. Which of the following activities will get disturbed in this patient as a result of this?<br>(a) Salivation (b) Hunger control<br>(c) Posture and balance (d) Regulation of blood pressure                                                                                                                                                                                                                                                                                                                           | 1            |
| 4. | Receptors are usually located in sense organs. Gustatory receptors are present in :<br>(a) tongue (b) nose<br>(c) eye (d) ear                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1            |
| 5. | Height of a plant is regulated by:<br>(a) DNA which is directly influenced by growth hormone.<br>(b) Genes which regulate the proteins directly.<br>(c) Growth hormones under the influence of the enzymes coded by a gene.                                                                                                                                                                                                                                                                                                                                           | 1            |

|     |                                                                                                                                                                                                                                                                                                                                                                                 |   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | (d) Growth hormones directly under the influence a gene.                                                                                                                                                                                                                                                                                                                        |   |
| 6.  | Identify the food chain in which the organisms of the second trophic level are missing:<br>(a) Grass, goat, lion<br>(b) Zooplankton, phytoplankton, small fish, large fish<br>(c) Tiger, grass, snake, frog<br>(d) Grasshopper, grass, snake, frog, eagle                                                                                                                       | 1 |
| 7.  | Some wastes are given below:<br>(i) Garden waste (ii) Ball point pen refills<br>(iii) Empty medicine bottles made of glass<br>(iv) Peels of fruits and vegetables (v) Old cotton shirt<br>The non-biodegradable wastes among these are:<br>(a) (i) and (ii) (b) (ii) and (iii)<br>(c) (i), (iv) and (v) (d) (i), (iii) and (iv)                                                 | 1 |
|     | The following two questions consist of two statements – Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below:<br>A. Both A and R are true, and R is the correct explanation of A.<br>B. Both A and R are true, and R is not the correct explanation of A.<br>C. A is true but R is false.<br>D. A is false but R is true.       |   |
| 8.  | <b>Assertion (A):</b> Testes lie in penis outside the body.<br><b>Reason (R):</b> Sperms require temperature lower than the body temperature for development.                                                                                                                                                                                                                   | 1 |
| 9.  | <b>Assertion (A):</b> If the lions are removed from a food chain it will not affect the food chain, however if the plants are removed from a food chain it will disturb the ecosystem.<br><b>Reason (R):</b> Plants are producers who can make food using sunlight, while lions are consumers.                                                                                  | 1 |
| 10. | Name the substances other than water that are reabsorbed during urine formation. What are the two parameters that decide the amount of water that is reabsorbed in the kidney?                                                                                                                                                                                                  | 2 |
| 11. | <b><u>Attempt either option A or B.</u></b><br><b>A.</b> List the steps for the synthesis of glucose by the plants. What special feature is found in desert plants related to this process?<br><b>OR</b><br><b>B.</b> Explain the role of the following enzymes in the process of digestion of food in humans:<br>(i) Salivary amylase (ii) Pepsin<br>(iii) Trypsin (iv) Lipase | 2 |
| 12. | Study the food chain given below and answer the questions that follow:                                                                                                                                                                                                                                                                                                          | 2 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|     |  <p>Leaf → Caterpillar → Frog → Snake → Peacock</p> <p>a) If the amount of energy available at the third trophic level is 100 joules, then how much energy will be available at the producer level? Justify your answer.</p> <p>b) Is it possible to have 2 more trophic levels in this food chain just before the fourth trophic level? Justify your answer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |
| 13. | <p>Study the diagram of reflex arc and answer the following questions:</p>  <p>(i) Identify the parts labelled as A, B, C, and D.</p> <p>(ii) Reflex arcs have evolved in animals. Why?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3      |
| 14. | <p>Explain the process of breakdown of glucose in a cell.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3      |
| 15. | <p>Sahil performed an experiment to study the inheritance pattern of genes. He crossed tall pea plants (TT) with short pea plants (tt) and obtained all tall plants in F<sub>1</sub> generation.</p> <p><b><u>Attempt either subpart C or D.</u></b></p> <p>A. What will be set of genes present in the F<sub>1</sub> generation?</p> <p>B. Give reason why only tall plants are observed in F<sub>1</sub> progeny.</p> <p>C. When F<sub>1</sub> plants were self - pollinated, a total of 800 plants were produced. How many of these would be tall, medium height or short plants? Give the genotype of F<sub>2</sub> generation.</p> <p style="text-align: center;"><b>OR</b></p> <p>D. When F<sub>1</sub> plants were cross - pollinated with plants having tt genes, a total of 800 plants were produced. How many of these would be tall, medium height or short plants? Give the genotype of F<sub>2</sub> generation.</p> | 4      |
| 16. | <p>(a) List two reasons for appearance of variations among the progeny formed by sexual reproduction.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5(2+3) |

(b) Study the diagram given below and answer the following questions:



(i) Name the part marked 'A' in the diagram given.

(ii) How does 'A' reaches part 'B'?

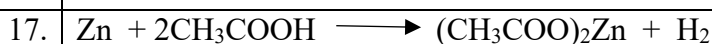
(iii) State the importance of part 'C'.

**OR**

(a) Certain specialised cells in animals called stem cells have the ability to divide and differentiate into different cell types. This helps in the replacement of a damaged organ. Name and explain two methods of asexual reproduction that are similar to stem cells and occur mostly in multicellular organisms.

(b) Identify TWO pairs of reproductive organs in males and females that are functionally similar to each other. Justify.

### Section – B



The above reaction is a

(a) Decomposition reaction

(b) Displacement reaction

(c) Double displacement reaction

(d) Combination reaction

18. Four solutions, namely glucose, alcohol, hydrochloric acid and sulphuric acid filled in four separate beakers are connected one by one in an electric circuit with a bulb. The solutions in which the bulb will glow when current is passed are :

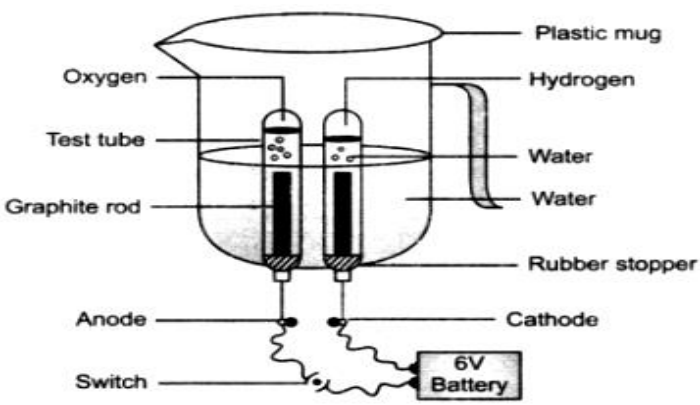
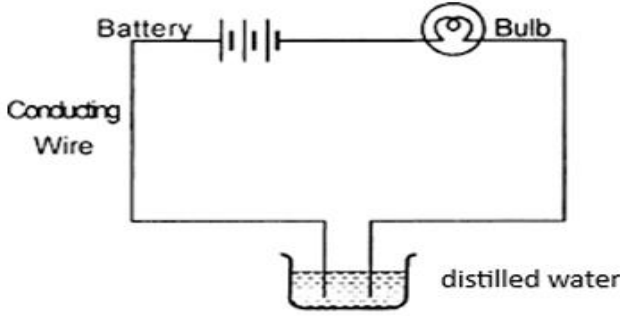
(a) Glucose and alcohol

(b) Alcohol and hydrochloric acid

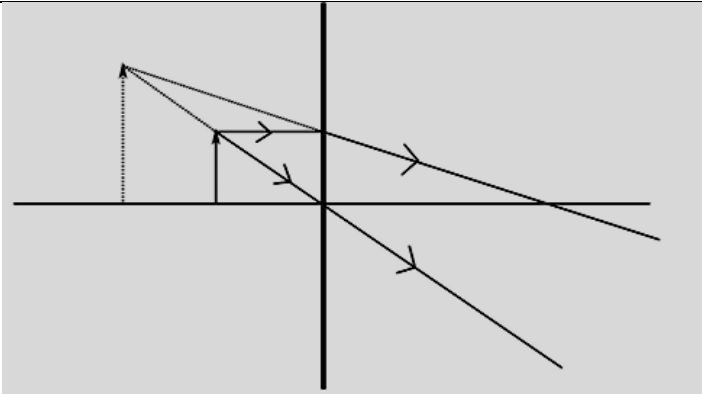
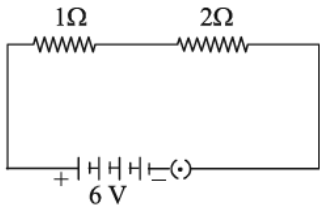
(c) Glucose and sulphuric acid

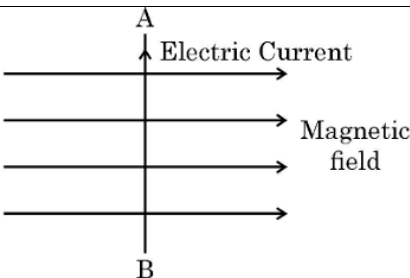
(d) Hydrochloric acid and sulphuric acid

| 19.                                                  | Match column I with column II and select the correct option using the given Codes:<br><table><tr><th>Column I</th><th>Column II</th></tr><tr><td>a. A metal that forms amphoteric oxides</td><td>(i) Ga</td></tr><tr><td>b. A metal which melts when kept on our palm</td><td>(ii) Au</td></tr><tr><td>c. A metal that reacts with nitric acid</td><td>(iii) Al</td></tr><tr><td>d. A metal which cannot displace hydrogen from acids</td><td>(iv) Mn</td></tr></table><br>(a) a – (ii), b – (i), c – (iii), d – (iv)<br>(b) a – (iii), b – (i), c – (iv), d – (ii)<br>(c) a – (iv), b – (ii), c – (iii), d – (i)<br>(d) a – (iii), b – (ii), c – (i), d – (iv) | Column I | Column II | a. A metal that forms amphoteric oxides | (i) Ga | b. A metal which melts when kept on our palm | (ii) Au | c. A metal that reacts with nitric acid | (iii) Al | d. A metal which cannot displace hydrogen from acids | (iv) Mn | 1 |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|-----------------------------------------|--------|----------------------------------------------|---------|-----------------------------------------|----------|------------------------------------------------------|---------|---|
| Column I                                             | Column II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| a. A metal that forms amphoteric oxides              | (i) Ga                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| b. A metal which melts when kept on our palm         | (ii) Au                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| c. A metal that reacts with nitric acid              | (iii) Al                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| d. A metal which cannot displace hydrogen from acids | (iv) Mn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 20.                                                  | A metal and a non-metal that exists in liquid state at room temperature are respectively:<br>(a) Bromine and Mercury (b) Mercury and Iodine<br>(c) Mercury and Bromine (d) Iodine and Mercury                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 21.                                                  | Anita added a drop each of diluted acetic acid and diluted hydrochloric acid on pH paper and compared the colours. Which of the following is the correct conclusion?<br>(a) pH of acetic acid is more than that of hydrochloric acid.<br>(b) pH of acetic acid is less than that of hydrochloric acid.<br>(c) Acetic acid dissociates completely in aqueous solution.<br>(d) Acetic acid is a strong acid                                                                                                                                                                                                                                                       | 1        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 22.                                                  | When excess of carbon dioxide is passed through lime water, the milky appearance disappears because<br>(a) water soluble calcium carbonate converts to water soluble calcium bicarbonate.<br>(b) insoluble calcium carbonate converts to water soluble calcium bicarbonate.<br>(c) water soluble calcium carbonate converts to insoluble calcium bicarbonate.<br>(d) insoluble calcium carbonate converts to insoluble calcium bicarbonate.                                                                                                                                                                                                                     | 1        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 23.                                                  | The number of single and double bonds present in a molecule of benzene (C <sub>6</sub> H <sub>6</sub> ) respectively, are :<br>(a) 6 and 6<br>(b) 9 and 3<br>(c) 3 and 9<br>(d) 3 and 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
|                                                      | The following question consists of two statements – Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below:<br>A. Both A and R are true, and R is the correct explanation of A.<br>B. Both A and R are true, and R is not the correct explanation of A.<br>C. A is true but R is false.<br>D. A is false but R is true.                                                                                                                                                                                                                                                                                           |          |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 24.                                                  | <b>Assertion(A):</b> If the first member of a homologous series is Methanal, its third member will be Propanal.<br><b>Reason (R):</b> All the members of a homologous series show similar chemical properties.                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |
| 25.                                                  | Explain why we cannot have isomers of first three members of Alkane series?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2        |           |                                         |        |                                              |         |                                         |          |                                                      |         |   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 26. | <p><b>Attempt either option A or B.</b></p> <p>A. Amrita electrolysed distilled water using the set-up shown in figure 1. She was expecting two gases to be evolved at the anode and cathode respectively</p>  <p>Suddenly, she realised that the bulb in the circuit did not glow when she used distilled water (figure 2)</p>  <p style="text-align: center;">Fig. 2</p> <p>After this realization, she added a substance to the distilled water for electrolysis to take place.</p> <p><b>Answer the following questions based on the information given above:</b></p> <p>(i) Which gas was she expecting to be formed at the anode and which one at the cathode respectively?</p> <p>(ii) Why did the bulb not glow when Amrita passed electricity through distilled water?</p> <p>(iii) Which substance was added by Amrita to distilled water to get the expected result?</p> <p style="text-align: center;"><b>OR</b></p> <p>B. The domes of many building in Europe are made of copper. These domes now appear greenish in colour.</p> <p>(i) Why do the domes appear greenish though copper is orange-red in colour?</p> <p>(ii) In your opinion, should the copper domes be replaced by iron domes to overcome the problem of change of colour of copper domes?</p> <p>(iii) Domes used to be made from thin sheets of metals. Why did the ancient architects use copper to make domes?</p> | 3 |
| 27. | <p>(i) Suggest a safe procedure of diluting a strong concentrated acid.</p> <p>(ii) Name the salt formed when sulphuric acid is added to sodium hydroxide and write its pH.</p> <p>(iii) Dry HCl gas does not change the colour of dry blue litmus paper. Why?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 28.                | <p>The metals produced by various reduction processes are not very pure. They contain impurities, which must be removed to obtain pure metals. The most widely used method for refining impure metal is electrolytic refining.</p> <p>(i) What is the cathode and anode made of in the refining of copper by this process?</p> <p>(ii) Name the solution used in the above process and write its formula.</p> <p>(iii) How copper gets refined when electric current is passed in the electrolytic cell?</p> <p style="text-align: center;"><b>OR</b></p> <p>(iii) You have two beakers A and B containing copper sulphate solution. What would you observe after two hours if you dip a strip of zinc in beaker A and a strip of silver in beaker B? Give reasons for your observations in each case.</p>                                                                                                                                                                                                                                                                                                                                                                             | 4 |
| 29.                | <p>An organic compound 'X' with molecular formula <math>C_2H_6O</math> on reacting with acidified <math>K_2Cr_2O_7</math> gives an organic compound 'Y'. X reacts with Y on warming in the presence of conc. <math>H_2SO_4</math> to give a sweet smelling compound 'Z'.</p> <p>(i) Identify X, Y and Z.</p> <p>(ii) Write the chemical equations for the reactions involved in both cases.</p> <p>(iii) State the role of – (a) acidified <math>K_2Cr_2O_7</math> in the conversion of X to Y (b) Conc. <math>H_2SO_4</math> in the reaction of X and Y.</p> <p>(iv) Name the reaction, which occurs when Z reacts with an alkali.</p> <p style="text-align: center;"><b>OR</b></p> <p>(i) Write the name and structure of an organic compound 'X' having two carbon atoms in its molecule and its name is suffixed with '-ol'.</p> <p>(ii) What happens when 'X' is heated with excess conc. Sulphuric acid at 443 K? Write chemical equation for the reaction stating the conditions for the reaction. Also state the role played by conc. Sulphuric acid in the reaction.</p> <p>(iii) Name and draw the electron dot structure of hydrocarbon produced in the above reaction.</p> | 5 |
| <b>Section – C</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |
| 30.                | <p>Consider these indices of refraction: glass: 1.52; air: 1.0003; water: 1.333. Based on the refractive indices of three materials, arrange the speed of light through them in decreasing order.</p> <p>(a) The speed of light in water &gt; the speed of light in air &gt; the speed of light in glass.</p> <p>(b) The speed of light in glass &gt; the speed of light in water &gt; the speed of light in air.</p> <p>(c) The speed of light in air &gt; the speed of light in water &gt; the speed of light in glass.</p> <p>(d) The speed of light in glass &gt; the speed of light in air &gt; the speed of light in water.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 |
| 31.                | <p>A prism ABC (with BC as base) is placed in different orientations. A narrow beam of white light is incident on the prism as shown in below Figure. In which of the following diagrams, after dispersion, the third colour from the top of the spectrum corresponds to the colour of the sky?</p> <div style="text-align: center;"> <p style="display: flex; justify-content: space-around; margin-top: 10px;"> <span>A. (i)</span> <span>B. (ii)</span> <span>C. (iii)</span> <span>D. (iv)</span> </p> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     | <p>The following question consists of two statements – Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below:</p> <p>A. Both A and R are true, and R is the correct explanation of A.</p> <p>B. Both A and R are true, and R is not the correct explanation of A.</p> <p>C. A is true but R is false.</p> <p>D. A is false but R is true.</p>                                                                                                                    |   |
| 32. | <p><b>Assertion (A):</b> The rainbow is a natural spectrum of sunlight in the sky.</p> <p><b>Reason (R):</b> Rainbow is formed in the sky when the sun is overhead and water droplets are also present in air.</p>                                                                                                                                                                                                                                                                                              | 1 |
| 33. |  <p>The above figure shows the formation of an image by a lens shown by a thick line. Analyse the figure and answer the following questions.</p> <p>(i) What is the type of lens used?</p> <p>(ii) What is the nature of the image?</p> <p>(iii) If the image is formed at a distance of 30 cm from the lens and the image is twice the size of the object, then where is the object placed?</p>                               | 2 |
| 34. | <p><b><u>Attempt either option A or B.</u></b></p> <p><b>A.</b> Show how you would connect three resistors each of resistance <math>6\ \Omega</math>, so that the combination has a resistance of <math>9\ \Omega</math>. Also justify your answer.</p> <p style="text-align: center;"><b>OR</b></p> <p><b>B.</b> In the given circuit calculate the power consumed in watts in the resistor of <math>2\ \Omega</math>:</p>  | 2 |
| 35. | <p>A person is suffering from an eye defect in which the far point of the eye is nearer than infinity. Identify the defect. List two main causes of this defect. Draw a ray diagram to show how this defect is corrected by using a suitable lens.</p>                                                                                                                                                                                                                                                          | 3 |
| 36. | <p>(a) State Fleming's left hand rule. Apply this rule to determine the direction of force experienced by a straight current carrying conductor AB placed in a uniform magnetic field as shown.</p>                                                                                                                                                                                                                                                                                                             | 3 |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     |  <p>(b) What will happen to an electron that enters in the same magnetic field in the same direction in which the current is flowing in the conductor AB? Give reason to justify your answer.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |
| 37. | What is a solenoid? When does a solenoid behave as a magnet? Draw the pattern of the magnetic field produced inside it showing the directions of the magnetic field lines.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 |
| 38. | <p>A highly polished surface such as a mirror reflects most of the light falling on it. In our daily life, we use two types of mirrors plane and spherical. The reflecting surface of spherical mirrors may be curved inwards or outwards. In concave mirrors, reflection takes place from the inner surface, while in convex mirrors reflection takes place from the outer surface.</p> <p>(a) Define the principal focus of a concave mirror.</p> <p>(b) A ray of light is incident on a concave mirror, parallel to its principal axis. If this ray after reflection from the mirror passes through the principal axis from a point at a distance of 10 cm from the pole of the mirror, find the radius of curvature of the mirror.</p> <p>(c) An object is placed at a distance of 10 cm from the pole of a convex mirror of focal length 15 cm. Find the position of the image.</p> <p style="text-align: center;"><b>OR</b></p> <p>(c) A mirror forms a virtual, erect and diminished image of an object. Identify the type of this mirror. Draw a ray diagram to show the image formation in this case.</p>         | 4 |
| 39. | <p>(a) Define electric power and state its SI unit. The commercial unit of electrical energy is known as 'unit'. Write the relation between this 'unit' and joule.</p> <p>(b) In a house, 2 bulbs of 50 W each are used for 6 hours daily and an electric geyser of 1 kW is used for 1 hour daily. Calculate the total energy consumed in a month of 30 days and its cost at the rate of ₹8.00 per kWh.</p> <p style="text-align: center;"><b>OR</b></p> <p>(a) Draw a schematic diagram of a circuit consisting of a battery of four dry cells of 1.5 V each, a 2 <math>\Omega</math> resistor, a 6 <math>\Omega</math> resistor, a 16 <math>\Omega</math> resistor and a plug key all connected in series. Put an ammeter to measure the current in the circuit and a voltmeter across the 16 <math>\Omega</math> resistor to measure the potential difference across its two ends. Use Ohm's law to determine:</p> <p>(i) ammeter reading, and</p> <p>(ii) voltmeter reading when the key is closed.</p> <p>(b) A 4 <math>\Omega</math> resistance wire is doubled on it. Calculate the new resistance of the wire.</p> | 5 |

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केन्द्रीय विद्यालय संगठन मुम्बई संभागः

प्री- बोर्ड ( Pre- Board) 2025-26

विषय:- संस्कृतम् (SANSKRIT)

कक्षा : दशमी CODE (119)

समय:- 3 घण्टाः

विषय: - संस्कृतम्

कुल अङ्काः – 80

निर्देशाः-1. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 14 पृष्ठानि मुद्रितानि सन्ति ।

2. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 18 प्रश्नाः सन्ति ।

3. अस्य प्रश्न पत्रस्य पठनाय निमेषाः निर्धारिताः सन्ति । अस्मिन् अवधौ केवलं प्रश्नपत्रं पठनीयम् उत्तरपुस्तिकायां च किमपि न लेखनीयम्

4. उत्तरलेखनात् पूर्वं प्रश्नस्य क्रमाङ्कः अवश्यं लेखनीया ।

5. प्रश्नसंख्या प्रश्न पत्रानुसारं एव लेखनीया

6. सर्वेषां प्रश्नानाम् उत्तराणि संस्कृतेन लेखनीयानि ।

7. प्रश्नानां निर्देशाः ध्यानेन अवश्यं पठनीयाः ।

8. अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति ।

‘क’ खण्डः : अपठित अवबोधनम् 10 अङ्काः

‘ख’ खण्डः : रचनात्मकं कार्यम् 15 अङ्काः

‘ग’ खण्डः : अनुप्रयुक्तव्याकरणम् 25 अङ्काः

‘घ’ खण्डः : पठित अवबोधनम् 30 अङ्काः

## खण्ड: 'क' अपठित अवबोधनम् (10)

**प्रश्न-1 अधोलिखितं गद्यांशम् पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत ।**

नम्रता एकः दिव्यः गुणः । विनम्राः जनाः परेषां हितम् इच्छन्ति तदर्थं प्रयतन्ते अपि । विनयवन्तः यत्र गच्छन्ति ते स्वकीय व्यवहारेण सर्वान् वशीकुर्वन्ति । ते कदापि ईदृशम् वचनम् नैव उच्चरन्ति येन जनाः दुःखिनः भवन्ति । येषु अयं गुणः न भवति ते उद्धण्डाः भवन्ति । पदे पदे विवदमानाः ते मित्राणि अपि शत्रुतां नयन्ति सिद्धमपि कार्यं नाशयन्ति च । वस्तुतः विनयेन एव मनुष्याणाम् प्रतिष्ठा न तु गर्वेण । उद्धतस्वभावः कदापि हितकरः न भवति । अतः सर्वैः जनैः अविनयम् उद्धण्डतां च विहाय लघुभिः समवयस्कैः गुरुजनैः च सह विनम्रतया एव व्यवहर्तव्यम् । सत्यमुक्तम् – नमन्ति फलिनो वृक्षाः नमन्ति गुणिनो जनाः । शुष्कवृक्षाश्च मूर्खाश्च न नमन्ति कदाचना ।

**अ . एकपदेन उत्तरं लिखत । ( केवलं प्रश्नद्वयं )**

**(1×2=2)**

- ( i ) कः गुणः दिव्यः कथ्यते ?
- ( ii ) के जनाः परेषां हितं इच्छन्ति ?
- ( iii ) कः कदापि हितकरः न भवति ?

**आ . पूर्णवाक्येन उत्तरं लिखत । ( केवलं प्रश्नद्वयं )**

**(2×2=4)**

- ( i ) येषु नम्रता न भवति ते के भवन्ति?
- ( ii ) विनयवन्तः किं कुर्वन्ति ?
- ( iii ) सर्वैः जनैः किं करणीयम् ?

**इ . अस्य अनुच्छेदस्य कृते उपयुक्तम् शीर्षकं संस्कृतेन लिखत ।**

**(1)**

**ई . यथानिर्देशम् उत्तरत । (केवलं प्रश्नत्रयम् )**

**(1×3=3)**

- ( i ) “गच्छन्ति” इति क्रियापदस्य कर्तृपदम् किम् ?  
अ) विनम्रा      ब) विनयवन्तः      स) जनाः      द) हितं
- ( ii ) “फलिनः” इति विशेषणपदस्य विशेष्यपदम् किम् ?  
अ) मूर्खाः      ब) गुणिनः      स) वृक्षाः      द) शुष्काः
- ( iii ) “येषु अयं गुणः न भवति” अत्र अव्ययपदं किम् ?  
अ) येषु      ब) अयं      स) न      द) भवति

( iv ) ' सौम्यः ' इत्यस्य पदस्य विलोमपदम् गद्यान्शे किम् प्रयुक्तम् ?

अ ) दिव्यः      ब) उद्दण्डाः      स) जनाः      द) अयं

### खण्ड 'ख' रचनात्मकं कार्यम् (15)

प्रश्न:-2 भवान् सुमितः। मञ्जूषायां दत्तैः पदैः सह योगस्य महत्वं वर्णयन् स्वमित्रम् अमितं प्रति पत्रं लिखतु। (½ × 10= 5)

परीक्षाभवनतः

दिनाङ्कः -

प्रिय मित्र अमित!

सप्रेम नमस्ते।

अत्र 1. .... तत्रास्तु। मम पिता योगदिवसे 2.....प्रचारार्थं स्वक्षेत्रे आयोजनं कृतवान्। तस्मिन् 3. .... योगविद्यायां कुशलाः अनेके 4. .... आगत्य स्वविचारान् प्रकटितवन्तः। एवं ते जनान् 5. .... अकुर्वन्। योगेन किं किं 6. .... किं किं च प्राप्यते इत्यपि स्पष्टीकृतम्। तेषाम् उद्बोधकानां विचाराणाम् ईदृशः 7. .... जातः यत् ये अपि जनाः तत्र 8. ....ते योगप्रक्रियां जीवने 9..... प्रतिज्ञाम् अकुर्वन्। यदि भवान् 10..... अत्र स्यात् तदा स्वयं पश्येत्। अस्तु। शेषं सर्वं कुशलम्।  
भवतः मित्रम्  
सुमितः

#### मञ्जूषा

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| धारयितुं , कुशलं , योगासनस्य ,अपि , आगताः ,<br>प्रभावः , कार्यक्रमे , सिध्यति , प्रेरिताः , जनाः । |
|----------------------------------------------------------------------------------------------------|

प्रश्न:-3 प्रदत्तचित्रं दृष्ट्वा मञ्जूषायां प्रदत्तशब्दानां सहायतया पञ्च संस्कृतवाक्यानि रचयत-

(1×5=5)



मञ्जूषा

क्रीडकाः, दर्शकाः, पादकन्दुकं, निर्णायकः, पश्यन्ति, इतस्ततः, कोलाहलं, क्रीडन्ति, क्रीडाक्षेत्रं,  
बालकाः, उत्पतन्ति, महिलाः, भ्रमन्ति

अथवा

मञ्जूषायां प्रदत्तशब्दानां सहायतया निम्नलिखितं विषयमाधृत्य न्यूनातिन्यूनं पञ्चभिः

संस्कृतवाक्यैः एकम् अनुच्छेदं लिखत-

(1×5= 5)

“समुद्रतटः”

मञ्जूषा

सागरतटम्, सूर्यः, नारिकेलवृक्षाः, नौकाः, जलपोताः, जनान्, विशालं, अस्तं, तरङ्गाः,  
क्रीडन्ति, बालकाः, पर्यटनं, विक्रेताः, मनोरञ्जकं, स्नानम्

प्रश्न:-4 मञ्जूषातः उपयुक्तपदानि गृहीत्वा अध्ययनविषये पितापुत्रयोः संवादं पूरयतु-

(½ x 10=5)

माता-..... त्वम् कुत्र ..... ?

पुत्रः - मातः, अहम् ..... गच्छामि।

माता - किं तव ..... सम्पूर्णम् अस्ति ?

पुत्रः - यदा ..... क्रीडाक्षेत्रात् आगमिष्यामि तदा .....

माता - प्रतिदिनं तु गृहकार्यम् ..... खेलसि ।

पुत्रः - मातः, अद्य ..... अस्ति ।

माता - पश्य, तव ..... सुनीलः आगच्छति ।

पुत्रः - ..... अहम्।

### मञ्जूषा

अहम् , करिष्यामि, मित्रम्, पुत्र, कृत्वा, क्रीडाक्षेत्रम्, गृहकार्यं,  
गच्छामि, क्रिकेट्-प्रतियोगिता, गच्छसि ।

### अथवा

मञ्जूषातः समुचितपदानि चित्वा कथां पूरयत -

(½ x 10 = 5)

एकदा केचन (i) ..... भिक्षाटनं कुर्वन्ति स्म । तदैव एकः (ii) ..... तीव्रेण वेगेन तस्मिन् मार्गे आगच्छत् । गजस्य (iii) ..... उपविष्टः हस्तिपकः उच्चस्वरेण पुनः पुनः (iv)..... स्म - “ अपसरन्तु अपसरन्तु “ इति । सर्वे शिष्याः धावितवन्तः । यथा (v) ..... वस्तुषु ईश्वरः अस्ति तथा गजे अपि इति विचिन्त्य एकः शिष्यः तत्रैव स्थितवान् । तावति काले गजः तं शिष्यं (vi) .....गृहीत्वा दूरे क्षिप्तवान् । शिष्याः मूर्छितं तं (vii) ..... अनयन् । लब्धसंज्ञं तं (viii) ..... अपृच्छत् - “वत्स! त्वम् एवं किमर्थम् आचरः ? “ इति ।

शिष्यः अवदत् - “गुरुवर! (ix) ..... एव शिक्षितं” यत् “ ईश्वरः सर्वेषु अस्ति, अतः अहं गजे अपि ईश्वरं (x) ..... तत्र अतिष्ठम् । “ गुरुः उक्तवान् - “ वत्स! यथा गजे तथा हस्तिपके अपि ईश्वरः इति त्वया कथं न चिन्तितम् ? “

### मञ्जूषा

मत्वा, शिष्याः, गुरुकुलम् , गजः , घोषयति , उपरि , सर्वेषु , स्वशुण्डेन , गुरुः, भवद्भिः

## खण्ड : ग अनुप्रयुक्तव्याकरणम् (25)

प्रश्न 5. अधोलिखितवाक्येषु रेखाङ्कितपदस्य सन्धिपदं सन्धिच्छेदम् वा चिनुत-

(केवलं प्रश्नचतुष्टयम्)

(1x4=4)

(i) कथम् अन्यः कोऽपि राजा भवितुमर्हति।

(क) को + पि

(ख) को + ऽपि

(ग) कः + अपि

(ii) क्रुद्धः सिंहः इतः + ततः धावति।

(क) इतश्चतः

(ख) इतस्ततः

(ग) इतोततः

(iii) न कुर्यादहितं कर्म स परेभ्यः कदापि च।

(क) कुर्यात् + अहितं

(ख) कुर्या + दहितं

(ग) कुर्याद् + अहितं

(iv) निसर्गे स्यान्न समाविष्टा

(क) स्यान् + न

(ख) स्याल् + न.

(ग) स्यात् + न

(v) 'रामो गच्छति' इति अग्रजः वदति।

(क) रामम् + गच्छति

(ख) रामः + गच्छति

(ग) रामोः + गच्छति

6. अधोलिखितवाक्येषु रेखाङ्कितपदानां समासं विग्रहं वा प्रदत्तविकल्पेभ्यः चिनुत-

(केवलं प्रश्नचतुष्टयम् )

(1x4=4)

(i) प्रदूषणेन धरातलम् समलम् अभवत्।

(क) मलस्य सह

(ख) मलेन सहितम्

(ग) मलस्य सहितम्

(ii) पुत्रस्य दैन्यम् दृष्ट्वा अहं रोदिमि।

(क) पुत्रदैन्यम्.

(ख) पुत्रदीनता

(ग) पुत्रं दैन्यम्

(iii) लवकुशयोः जनकः रामः आसीत्।

(क) लवः च कुशः च (ख) लवयोः कुशयोः च (ग) लवस्य च कुशस्य च

(iv) अहम् निर्भयम् भूत्वा परीक्षाम् अलिखम्।

(क) भयात् निर्गच्छति. (ख) भयात् अभावः (ग) भयस्य अभावः

(v) राष्ट्रपक्षी मयूरः अस्ति।

(क) राष्ट्रे पक्षी. (ख) राष्ट्रात् पक्षीः (ग) राष्ट्रस्य पक्षी

**7. अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रकृति-प्रत्ययौ संयोज्य विभज्य वा उचितम् उत्तरं**

**विकल्पेभ्यः चिनुत। (केवलं प्रश्नचतुष्टयम्)**

**(1x4 =4)**

(i) सा एका बुद्धिमती महिला अस्ति।

(क) एक + टाप्. (ख) एक + आ (ग) एका + आ

(ii) श्री + मतुप् सुभाषचन्द्रः चण्डीगढनगरे निवसति।

(क) श्रीमती (ख) श्रीमत् (ग) श्रीमान्

(iii) गुरोः गुरुत्वं वर्णयितुं न शक्यते।

(क) गुरो + त्वम्. (ख) गुरु + त्वम्. (ग) गुरु + त्व

(iv) चरित्रवान् जनः एव सर्वोत्तमः भवति।

(क) चरित्र + क्तवतु (ख) चरित्र + मतुप् (ग) चरित्र + वत्

(v) आचार्या वृक्षान् आरोपयति।

(क) आचार्य + आ (ख) आचार्य + टाप् (ग) आ + चार्या

8. वाच्यस्य नियमानुगुणम् उचितं विकल्पं चिनुत। (केवलं प्रश्नत्रयम् )

(1x3 = 3)

(i) ज्योतिः- विद्यालये छात्राः ..... सिञ्चन्ति।

(क) पादपः (ख) पादपान् (ग) पादपैः

(ii) अरुणः- आम् तैः पादपाः ..... ।

(क) सिञ्चन्ते (ख) सिञ्चते (ग) सिञ्चयते

(iii) ज्योतिः - हे अरुण! ..... प्रार्थना कुत्र क्रियते?

(क) आचार्यः (ख) आचार्येण (ग) आचार्यम्

(iv) अरुणः- आचार्यः प्रार्थनाम् सभागारे ..... ।

(क) करोषि (ख) क्रियते (ग) करोति

9. प्रदत्तेभ्यः विकल्पेभ्यः समुचितं कालबोधकशब्दं चिनुत- (केवलं प्रश्नत्रयम्)

(1x3=3)

(i) मम पितामहः रात्रौ (9.00)..... वादने स्वपितिः।

(क) नव (ख) पादोन-नव (ग) सपाद-नव

(ii) सः प्रातः (5.30) ..... वादने उत्तिष्ठति।

(क) सार्ध-पञ्च (ख) पञ्च (ग) सार्ध-पञ्च

(iii) पितामहः प्रातः (5.45)..... वादने भ्रमाणाय उद्यानं गच्छति।

(क) पञ्च-पादोन (ख) पादोन-षट् (ग) पादोन पञ्च

(iv) सः (7.15) ..... वादने ईशप्रार्थना करोति।

(क) सार्ध-सप्त (ख) सपाद-सप्त (ग) पादोन-पञ्च

10. वाक्यानुगुणम् उचिताव्ययपदं चिनुत-

(1×4 = 4)

i. केशवः - शेखर! तव जन्मदिवसः ..... मान्यते?

(क).कदा (ख) अद्य (ग) सम्प्रति

ii. शेखरः - केशवः! ..... एव मम जन्मोत्सवः भविष्यति।

(क).श्वः (ख) ह्यः (ग) अधुना

iii. शेखरः - ..... त्वं आगमिष्यसि तदैव अहं 'केककर्तनम्' करिष्यामि।

(क) यदा (ख) तदा (ग) कदा

iv. केशवः - अहं अवश्यं आगमिष्यामि। ..... मम अनुजः अपि आगच्छत्।

(क) श्वः (ख) अद्य (ग) ह्यः

11. अधोलिखित वाक्येषु रेखांकितपदम् अशुद्धम् अस्ति। शुद्धम् पदम् विकल्पेभ्यः चिनुत ।

( केवलम् प्रश्नत्रयम् )

(1×3=3)

i) श्रमिकः वेतनं लभ्यते ।

क ) श्रमिकैः ख ) श्रमिकेण ग ) श्रमिकाः

ii) माता पुत्र प्रतीक्षते ।

क ) पुत्रे ख ) पुत्रम् ग ) पुत्राय

iii) सर्पाः पवनम् पिबति ।

क ) पिबामि ख ) पिबन्ति ग ) पिबेत्

iv) लतां राष्ट्रगीतम् गायति ।

क ) लता ख ) लतायै ग ) लतासु

## खण्ड: 'घ' पठित-अवबोधनम् (30)

### 12. अधोलिखितं अनुच्छेदम् पठित्वा प्रदत्त प्रश्नानां उत्तराणि लिखत-

अस्ति कर्मपुर नाम्नि नगरे प्रच्छन्नभाग्य-नामधेयः कश्चित् कुमारः। बाल्येवयसि विद्यापराङ्मुखः सः केनचित् दुष्टबुद्धिः नाम्ना चौर्येण सह चौर्यकर्मणि निरतः संजातः। एकदा सः दुष्टबुद्धिना सार्धम् कस्यचित् श्रेष्ठिनः गेहे धनहरणार्थम् ग्रामान्तरम् प्रस्थितः। अथ ब्रजन्तौ तौ गर्तसंकुले मार्गे क्रीडतः कांश्चित् बालकान् प्रेक्ष्य अवदताम् – भो भो बालकाः! कथमत्र नतोन्नते विषमे मार्गे क्रीडथ ? यदि कश्चित् मार्गे पतेत् तर्हि सः विकलांगो भूत्वा चिरं क्लेशम् अनुभवेत्। तत् श्रुत्वा तेषु कश्चित् उद्दण्डः बालकः उवाच- अपि भो ! यद्देवं तर्हि कथं भवन्तौ सुपथम् परित्यज्य अनेन कुपथेन गन्तुम् प्रवृत्तौ ? अपि इदं श्रेयस्करम् ?

#### अ) एकपदेन उत्तरत – (केवलं प्रश्नद्वयम्)

(½x2=1)

- कुमारस्य नाम किम् आसीत् ?
- कीदृशः बालकः उवाच ?
- दुष्टबुद्धिः किमर्थम् ग्रामान्तरं प्रस्थितः?

#### आ) एकवाक्येन उत्तरत – (केवलं प्रश्नद्वयम्)

(1x2=2)

- गर्ते पतित्वा कश्चित् किम् अनुभवेत् ?
- तौ कुत्र प्रस्थितौ?
- उद्दण्डः बालकः किम् उवाच ?

#### इ) यथानिर्देशानुसारम् उत्तरत – (केवलं प्रश्नद्वयम्)

(1x2=2)

- “उद्दण्डः बालकः” अनयोः पदयोः विशेष्य पदम् किम् ?
- “विषमे मार्गे ” इति अनयोः पदयोः विशेषण पदम् किम् ?
- ‘कुपथम्’ अस्य गद्यांशे विलोम (विपर्यय) पदम् किम् ?

13. अधोलिखितं पद्यांशं पठित्वा प्रश्नानां उत्तराणि लिखत-

यः इच्छत्यात्मनः श्रेयः प्रभूतानि सुखानि च ।

न कुर्यादहितम् कर्म स परेभ्यः कदापि च ॥

आचारः प्रथमो धर्मः इत्येतद् विदुषां वचः।

तस्माद् रक्षेत् सदाचारम् प्राणेभ्यो अपि विशेषतः ॥

अ) एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्)

(½x2=1)

i) मनुष्यः प्रभूतानि कानि इच्छति ?

ii) जनः आत्मनः किम् इच्छति ?

iii) कः प्रथमः धर्मः?

आ) एकवाक्येन उत्तरत - (केवलं प्रश्नद्वयम्)

(1x2=2)

i) कः स्व जीवने सुखानि इच्छति ?

ii) प्राणेभ्यः अपि विशेषतः कः ?

iii) विदुषां वचं किम् ?

इ) उचितम् उत्तरम् चित्वा लिखत - (केवलं प्रश्नद्वयम्)

(1x2=2)

i) “प्रथमः धर्मः” इति अनयोः पदयोः विशेष्य पदम् किम् ?

ii) “कल्याणम्” इत्यर्थे अत्र किम् पदम् प्रयुक्तम् ?

iii) “सुखानि” अस्य विशेषण पदम् किम् ?

14. अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत।

काकः - रे परभृत्! अहं यदि तव सन्ततिं न पालयामि तर्हि कुत्र स्युः पिकाः ? अतः अहमेव

करुणापरः पक्षिसम्राट् काकः।

राजहंसः - शान्तं शान्तम्। अहमेव नीरक्षीरविवेकी पक्षिणां राजा।

बकः- धिक् युष्मान्। अहमेव सर्वशिरोमणिः !

(ततः प्रकृतिमाता प्रविशति)

प्रकृतिः - (सस्नेहम्) अलम् अलं मिथः कलहेन। अहं प्रकृतिः एव युष्माकं जननी। यूयं सर्वे एव मम

प्रियाः। सर्वेषामेव महत्त्वं विद्यते यथासमयम्। सर्वेः एव मे शोभा। न तावत् कलहेन समयं वृथा

यापयेत्। मिलित्वा एव मोदध्वं जीवनं च रसमयं कुरुध्वम्।

I. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

(½ × 2 = 1)

(क) केन अलम् इति प्रकृतिमाता वदति?

(ख) कस्य सन्ततिं काकः पालयति?

(ग) का प्रतिशति ?

II. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(2 × 1 = 2)

(क) समयं कथं न यापयेत्?

(ख) नीरक्षीरविवेकी कः ?

(ग) कः सर्वशिरोमणिः ?

III. निर्देशानुसारम् उत्तरत। (केवलं प्रश्नद्वयम्)

(1 × 2 = 2)

(क) 'पिकाः' इत्यस्य कर्तृपदस्य क्रियापदं किम्?

(ख) 'परस्परम्' इति पदस्य पर्यायपदं नाट्यांशे अस्ति?

(ग) 'अहं प्रकृतिः एव युष्माकं जननी।' अस्मिन् वाक्ये अव्यय पदं किम्?

15. रेखाङ्कितपदानि आधृत्य प्रश्ननिर्माणं कुरुत ।

(1 × 5 = 5)

(i) मनुष्यः कामेन प्रयुक्तः एवं पापस्य आचरणं करोति।

(ii) काम एव अस्माकं शत्रुः ।

(iii) यः क्रोधस्य वेगं जीवने सहते स सुखी नरः ।

(iv) मनसः निग्रहः वायोः इव कठिनः ।

(v) कामस्य नाशाय इन्द्रियाणि वशे करणीयानि ।

16. मंजूषायाः साहाय्येन श्लोकस्य अन्वये रिक्तस्थानानि पूरयित्वा पुनः लिखत ।

(½ × 4 = 2 )

वाक्पटुर्धैर्यवान् मंत्री, सभायामप्यकातरः ।

स केनापि प्रकारेण, परैर्न परिभूयते ॥

अन्वय : - (यः) मंत्री (i)..... धैर्यवान् सभायाम् (ii) ..... अकातरः अस्ति । सः (iii) ..... केन अपि प्रकारेण न (iv) ..... ।

### मञ्जूषा

अपि , परिभूयते , वाक्पटुः , परैः

### अथवा

अधोलिखित श्लोकस्य भावार्थे मञ्जूषायाः उचितपदैः पूरयत ।

(½ ×4=2)

“आचारः प्रथमो धर्मः, इत्येतद् विदुषाम् वचः । तस्माद् रक्षेद् सदाचारं, प्राणेभ्योऽपि विशेषतः ॥”

भावार्थः : - विदुषाम् (i) ..... इति तद् (ii) ..... प्रथमो धर्मः (iii) ..... प्राणेभ्योऽपि तस्माद् सदाचारं (iv) ..... ।

### मञ्जूषा

आचारः , वचः , विशेषतः , रक्षेत्

17.रेखाङ्कितपदानि प्रसङ्गानुसारम् उचितम् अर्थं चित्वा लिखत (केवलं प्रश्नचतुष्टयम्) (1×4=4)

i) साधु पृष्टम् ।

(अ) सम्यक् (ब) शुद्धम् (स) सन्यासी

ii.)विपुला च अत्र वनसम्पदा ।

(अ) पृथ्वी (ब) विशाला (स) स्थूला

iii) वाक्पटुः धैर्यवान् मंत्री सभायामप्यकातरःपरैः न परिभूयते ।

(अ) निपुणः (ब) उत्तमःश्रोता (स) वाक्कुशलः

iv)आपदाम् तरणिः धैर्यम् ।

(अ) सूर्यः (ब) तरणम् (स) नौका

v)विषादम् त्यक्त्वा उद्यमः क्रियताम् ।

(अ) परिश्रमः (ब) प्रयत्नः (स) प्रयोगः

### 18. अधोलिखितं मञ्जूषातः पदानि चित्वा पूर्णं कथां लिखतु

(½x8=4)

कालोऽहम् । अहं(i)-----कालः । विश्वस्य आत्मा अहम् । कलयामि(ii)----- जगतः आयुः  
प्रमाणम् । सततं चक्रवत् परिवर्तमानः भूतम् वर्तमानं भविष्यदपि च वीक्षमाणः अहमेव(iii)-----  
जगतः उत्पत्तेः विकासस्य (iv)----- । इदं जगत् तु पुनः पुनः जायते विलीयते च परम् अहं  
विद्यमानोऽस्य सर्वं (v)----- पश्यामि । अहो! किम् जानीथ यूयम् , “कियती प्राचीना इयं सृष्टिः !”  
नैव ! तर्हि शृणुत(vi)----- । “कृतयुगं त्रेतायुगं द्वापरयुगं (vii)----- च इति चत्वारि युगानि ।  
चतुर्णाम् युगानाम् समूहः एव(viii)----- । एकसप्ततिमहायुगानाम् एकम् मन्वन्तरम्  
चतुर्दशमन्वन्तराणाम् समूहः कल्पः एव ब्रम्हणः एकम् दिनम् मन्यते । ब्रम्हणः आयुः शतं वर्षाणि ।”

#### मञ्जूषा

गणयामि, प्रलयस्य च, , ध्यायनेन, कलियुगम्, महायुगम्, खलु, क्रियाकलापम्, साक्षी

केन्द्रीय विद्यालय संगठन मुम्बई संभागः

प्री- बोर्ड ( Pre- Board) 2025-26

विषय:- संस्कृतम् (SANSKRIT)

कक्षा : दशमी CODE (119)

समय:- 3 घण्टा:

विषय: - संस्कृतम्

कुल अङ्काः – 80

निर्देशाः-1. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 14 पृष्ठानि मुद्रितानि सन्ति ।

2. कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 18 प्रश्नाः सन्ति ।

3. अस्य प्रश्न पत्रस्य पठनाय निमेषाः निर्धारिताः सन्ति । अस्मिन् अवधौ केवलं प्रश्नपत्रं पठनीयम् उत्तरपुस्तिकायां च किमपि न लेखनीयम्

4. उत्तरलेखनात् पूर्वं प्रश्नस्य क्रमाङ्कः अवश्यं लेखनीया ।

5. प्रश्नसंख्या प्रश्न पत्रानुसारं एव लेखनीया

6. सर्वेषां प्रश्नानाम् उत्तराणि संस्कृतेन लेखनीयानि ।

7. प्रश्नानां निर्देशाः ध्यानेन अवश्यं पठनीयाः ।

8. अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति ।

‘क’ खण्डः : अपठित अवबोधनम् 10 अङ्काः

‘ख’ खण्डः : रचनात्मकं कार्यम् 15 अङ्काः

‘ग’ खण्डः : अनुप्रयुक्तव्याकरणम् 25 अङ्काः

‘घ’ खण्डः : पठित अवबोधनम् 30 अङ्काः

## खण्ड: 'क' अपठित अवबोधनम् (10)

**प्रश्न-1 अधोलिखितं गद्यान्शम् पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत ।**

नम्रता एकः दिव्यः गुणः । विनम्राः जनाः परेषां हितम् इच्छन्ति तदर्थं प्रयतन्ते अपि । विनयवन्तः यत्र गच्छन्ति ते स्वकीय व्यवहारेण सर्वान् वशीकुर्वन्ति । ते कदापि ईदृशम् वचनम् नैव उच्चरन्ति येन जनाः दुःखिनः भवन्ति । येषु अयं गुणः न भवति ते उद्धण्डाः भवन्ति । पदे पदे विवदमानाः ते मित्राणि अपि शत्रुतां नयन्ति सिद्धमपि कार्यं नाशयन्ति च । वस्तुतः विनयेन एव मनुष्याणाम् प्रतिष्ठा न तु गर्वेण । उद्धतस्वभावः कदापि हितकरः न भवति । अतः सर्वैः जनैः अविनयम् उद्धण्डतां च विहाय लघुभिः समवयस्कैः गुरुजनैः च सह विनम्रतया एव व्यवहर्तव्यम् । सत्यमुक्तम् – नमन्ति फलिनो वृक्षाः नमन्ति गुणिनो जनाः । शुष्कवृक्षाश्च मूर्खाश्च न नमन्ति कदाचना ।

**अ . एकपदेन उत्तरं लिखत । ( केवलं प्रश्नद्वयं )**

**(1×2=2)**

- ( i ) कः गुणः दिव्यः कथ्यते ?
- ( ii ) के जनाः परेषां हितं इच्छन्ति ?
- ( iii ) कः कदापि हितकरः न भवति ?

**आ . पूर्णवाक्येन उत्तरं लिखत । ( केवलं प्रश्नद्वयं )**

**(2×2=4)**

- ( i ) येषु नम्रता न भवति ते के भवन्ति?
- ( ii ) विनयवन्तः किं कुर्वन्ति ?
- ( iii ) सर्वैः जनैः किं करणीयम् ?

**इ . अस्य अनुच्छेदस्य कृते उपयुक्तम् शीर्षकं संस्कृतेन लिखत ।**

**(1)**

**ई . यथानिर्देशम् उत्तरत । (केवलं प्रश्नत्रयम् )**

**(1×3=3)**

- ( i ) “गच्छन्ति” इति क्रियापदस्य कर्तृपदम् किम् ?  
अ) विनम्रा      ब) विनयवन्तः      स) जनाः      द) हितं
- ( ii ) “फलिनः” इति विशेषणपदस्य विशेष्यपदम् किम् ?  
अ) मूर्खाः      ब) गुणिनः      स) वृक्षाः      द) शुष्काः
- ( iii ) “येषु अयं गुणः न भवति” अत्र अव्ययपदं किम् ?  
अ) येषु      ब) अयं      स) न      द) भवति

( iv ) ' सौम्यः ' इत्यस्य पदस्य विलोमपदम् गद्यान्शे किम् प्रयुक्तम् ?

अ ) दिव्यः      ब) उद्दण्डाः      स) जनाः      द) अयं

### खण्ड 'ख' रचनात्मकं कार्यम् (15)

प्रश्न:-2 भवान् सुमितः। मञ्जूषायां दत्तैः पदैः सह योगस्य महत्वं वर्णयन् स्वमित्रम् अमितं प्रति पत्रं लिखतु। (½ × 10= 5)

परीक्षाभवनतः

दिनाङ्कः -

प्रिय मित्र अमित!

सप्रेम नमस्ते।

अत्र 1. .... तत्रास्तु। मम पिता योगदिवसे 2.....प्रचारार्थं स्वक्षेत्रे आयोजनं कृतवान्। तस्मिन् 3. .... योगविद्यायां कुशलाः अनेके 4. .... आगत्य स्वविचारान् प्रकटितवन्तः। एवं ते जनान् 5. .... अकुर्वन्। योगेन किं किं 6. .... किं किं च प्राप्यते इत्यपि स्पष्टीकृतम्। तेषाम् उद्बोधकानां विचाराणाम् ईदृशः 7. .... जातः यत् ये अपि जनाः तत्र 8. ....ते योगप्रक्रियां जीवने 9..... प्रतिज्ञाम् अकुर्वन्। यदि भवान् 10..... अत्र स्यात् तदा स्वयं पश्येत्। अस्तु। शेषं सर्वं कुशलम्।  
भवतः मित्रम्  
सुमितः

#### मञ्जूषा

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| धारयितुं , कुशलं , योगासनस्य ,अपि , आगताः ,<br>प्रभावः , कार्यक्रमे , सिध्यति , प्रेरिताः , जनाः । |
|----------------------------------------------------------------------------------------------------|

प्रश्न:-3 प्रदत्तचित्रं दृष्ट्वा मञ्जूषायां प्रदत्तशब्दानां सहायतया पञ्च संस्कृतवाक्यानि रचयत-

(1×5=5)



मञ्जूषा

क्रीडकाः, दर्शकाः, पादकन्दुकं, निर्णायकः, पश्यन्ति, इतस्ततः, कोलाहलं, क्रीडन्ति, क्रीडाक्षेत्रं,  
बालकाः, उत्पतन्ति, महिलाः, भ्रमन्ति

अथवा

मञ्जूषायां प्रदत्तशब्दानां सहायतया निम्नलिखितं विषयमाधृत्य न्यूनातिन्यूनं पञ्चभिः

संस्कृतवाक्यैः एकम् अनुच्छेदं लिखत-

(1×5= 5)

“समुद्रतटः”

मञ्जूषा

सागरतटम्, सूर्यः, नारिकेलवृक्षाः, नौकाः, जलपोताः, जनान्, विशालं, अस्तं, तरङ्गाः,  
क्रीडन्ति, बालकाः, पर्यटनं, विक्रेताः, मनोरञ्जकं, स्नानम्

प्रश्न:-4 मञ्जूषातः उपयुक्तपदानि गृहीत्वा अध्ययनविषये पितापुत्रयोः संवादं पूरयतु-

(½ x 10=5)

माता-..... त्वम् कुत्र ..... ?

पुत्रः - मातः, अहम् ..... गच्छामि।

माता - किं तव ..... सम्पूर्णम् अस्ति ?

पुत्रः - यदा ..... क्रीडाक्षेत्रात् आगमिष्यामि तदा .....

माता - प्रतिदिनं तु गृहकार्यम् ..... खेलसि ।

पुत्रः - मातः, अद्य ..... अस्ति ।

माता - पश्य, तव ..... सुनीलः आगच्छति ।

पुत्रः - ..... अहम्।

### मञ्जूषा

अहम् , करिष्यामि, मित्रम्, पुत्र, कृत्वा, क्रीडाक्षेत्रम्, गृहकार्यं,  
गच्छामि, क्रिकेट्-प्रतियोगिता, गच्छसि ।

### अथवा

मञ्जूषातः समुचितपदानि चित्वा कथां पूरयत -

(½ x 10 = 5)

एकदा केचन (i) ..... भिक्षाटनं कुर्वन्ति स्म । तदैव एकः (ii) ..... तीव्रेण वेगेन तस्मिन् मार्गे आगच्छत् । गजस्य (iii) ..... उपविष्टः हस्तिपकः उच्चस्वरेण पुनः पुनः (iv)..... स्म - “ अपसरन्तु अपसरन्तु “ इति । सर्वे शिष्याः धावितवन्तः । यथा (v) ..... वस्तुषु ईश्वरः अस्ति तथा गजे अपि इति विचिन्त्य एकः शिष्यः तत्रैव स्थितवान् । तावति काले गजः तं शिष्यं (vi) .....गृहीत्वा दूरे क्षिप्तवान् । शिष्याः मूर्छितं तं (vii) ..... अनयन् । लब्धसंज्ञं तं (viii) ..... अपृच्छत् - “वत्स! त्वम् एवं किमर्थम् आचरः ? “ इति ।

शिष्यः अवदत् - “गुरुवर! (ix) ..... एव शिक्षितं” यत् “ ईश्वरः सर्वेषु अस्ति, अतः अहं गजे अपि ईश्वरं (x) ..... तत्र अतिष्ठम् । “ गुरुः उक्तवान् - “ वत्स! यथा गजे तथा हस्तिपके अपि ईश्वरः इति त्वया कथं न चिन्तितम् ? “

### मञ्जूषा

मत्वा, शिष्याः, गुरुकुलम् , गजः , घोषयति , उपरि , सर्वेषु , स्वशुण्डेन , गुरुः, भवद्भिः

## खण्ड : ग अनुप्रयुक्तव्याकरणम् (25)

प्रश्न 5. अधोलिखितवाक्येषु रेखाङ्कितपदस्य सन्धिपदं सन्धिच्छेदम् वा चिनुत-

(केवलं प्रश्नचतुष्टयम्)

(1x4=4)

(i) कथम् अन्यः कोऽपि राजा भवितुमर्हति।

(क) को + पि

(ख) को + ऽपि

(ग) कः + अपि

(ii) क्रुद्धः सिंहः इतः + ततः धावति।

(क) इतश्चतः

(ख) इतस्ततः

(ग) इतोततः

(iii) न कुर्यादहितं कर्म स परेभ्यः कदापि च।

(क) कुर्यात् + अहितं

(ख) कुर्या + दहितं

(ग) कुर्याद् + अहितं

(iv) निसर्गे स्यान्न समाविष्टा

(क) स्यान् + न

(ख) स्याल् + न.

(ग) स्यात् + न

(v) 'रामो गच्छति' इति अग्रजः वदति।

(क) रामम् + गच्छति

(ख) रामः + गच्छति

(ग) रामोः + गच्छति

6. अधोलिखितवाक्येषु रेखाङ्कितपदानां समासं विग्रहं वा प्रदत्तविकल्पेभ्यः चिनुत-

(केवलं प्रश्नचतुष्टयम् )

(1x4=4)

(i) प्रदूषणेन धरातलम् समलम् अभवत्।

(क) मलस्य सह

(ख) मलेन सहितम्

(ग) मलस्य सहितम्

(ii) पुत्रस्य दैन्यम् दृष्ट्वा अहं रोदिमि।

(क) पुत्रदैन्यम्.

(ख) पुत्रदीनता

(ग) पुत्रं दैन्यम्

(iii) लवकुशयोः जनकः रामः आसीत्।

(क) लवः च कुशः च (ख) लवयोः कुशयोः च (ग) लवस्य च कुशस्य च

(iv) अहम् निर्भयम् भूत्वा परीक्षाम् अलिखम्।

(क) भयात् निर्गच्छति. (ख) भयात् अभावः (ग) भयस्य अभावः

(v) राष्ट्रपक्षी मयूरः अस्ति।

(क) राष्ट्रे पक्षी. (ख) राष्ट्रात् पक्षीः (ग) राष्ट्रस्य पक्षी

**7. अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रकृति-प्रत्ययौ संयोज्य विभज्य वा उचितम् उत्तरं**

**विकल्पेभ्यः चिनुत। (केवलं प्रश्नचतुष्टयम्)**

**(1x4 =4)**

(i) सा एका बुद्धिमती महिला अस्ति।

(क) एक + टाप्. (ख) एक + आ (ग) एका + आ

(ii) श्री + मतुप् सुभाषचन्द्रः चण्डीगढनगरे निवसति।

(क) श्रीमती (ख) श्रीमत् (ग) श्रीमान्

(iii) गुरोः गुरुत्वं वर्णयितुं न शक्यते।

(क) गुरो + त्वम्. (ख) गुरु + त्वम्. (ग) गुरु + त्व

(iv) चरित्रवान् जनः एव सर्वोत्तमः भवति।

(क) चरित्र + क्तवतु (ख) चरित्र + मतुप् (ग) चरित्र + वत्

(v) आचार्या वृक्षान् आरोपयति।

(क) आचार्य + आ (ख) आचार्य + टाप् (ग) आ + चार्या

8. वाच्यस्य नियमानुगुणम् उचितं विकल्पं चिनुत। (केवलं प्रश्नत्रयम् )

(1x3 = 3)

(i) ज्योतिः- विद्यालये छात्राः ..... सिञ्चन्ति।

(क) पादपः (ख) पादपान् (ग) पादपैः

(ii) अरुणः- आम् तैः पादपाः ..... ।

(क) सिञ्चन्ते (ख) सिञ्चते (ग) सिञ्चयते

(iii) ज्योतिः - हे अरुण! ..... प्रार्थना कुत्र क्रियते?

(क) आचार्यः (ख) आचार्येण (ग) आचार्यम्

(iv) अरुणः- आचार्यः प्रार्थनाम् सभागारे ..... ।

(क) करोषि (ख) क्रियते (ग) करोति

9. प्रदत्तेभ्यः विकल्पेभ्यः समुचितं कालबोधकशब्दं चिनुत- (केवलं प्रश्नत्रयम्)

(1x3=3)

(i) मम पितामहः रात्रौ (9.00)..... वादने स्वपितिः।

(क) नव (ख) पादोन-नव (ग) सपाद-नव

(ii) सः प्रातः (5.30) ..... वादने उत्तिष्ठति।

(क) सार्ध-पञ्च (ख) पञ्च (ग) सार्ध-पञ्च

(iii) पितामहः प्रातः (5.45)..... वादने भ्रमाणाय उद्यानं गच्छति।

(क) पञ्च-पादोन (ख) पादोन-षट् (ग) पादोन पञ्च

(iv) सः (7.15) ..... वादने ईशप्रार्थना करोति।

(क) सार्ध-सप्त (ख) सपाद-सप्त (ग) पादोन-पञ्च

10. वाक्यानुगुणम् उचिताव्ययपदं चिनुत-

(1×4 = 4)

i. केशवः - शेखर! तव जन्मदिवसः ..... मान्यते?

(क).कदा (ख) अद्य (ग) सम्प्रति

ii. शेखरः - केशवः! ..... एव मम जन्मोत्सवः भविष्यति।

(क).श्वः (ख) ह्यः (ग) अधुना

iii. शेखरः - ..... त्वं आगमिष्यसि तदैव अहं 'केककर्तनम्' करिष्यामि।

(क) यदा (ख) तदा (ग) कदा

iv. केशवः - अहं अवश्यं आगमिष्यामि। ..... मम अनुजः अपि आगच्छत्।

(क) श्वः (ख) अद्य (ग) ह्यः

11. अधोलिखित वाक्येषु रेखांकितपदम् अशुद्धम् अस्ति। शुद्धम् पदम् विकल्पेभ्यः चिनुत ।

( केवलम् प्रश्नत्रयम् )

(1×3=3)

i) श्रमिकः वेतनं लभ्यते ।

क ) श्रमिकैः ख ) श्रमिकेण ग ) श्रमिकाः

ii) माता पुत्र प्रतीक्षते ।

क ) पुत्रे ख ) पुत्रम् ग ) पुत्राय

iii) सर्पाः पवनम् पिबति ।

क ) पिबामि ख ) पिबन्ति ग ) पिबेत्

iv) लतां राष्ट्रगीतम् गायति ।

क ) लता ख ) लतायै ग ) लतासु

## खण्ड: 'घ' पठित-अवबोधनम् (30)

### 12. अधोलिखितं अनुच्छेदम् पठित्वा प्रदत्त प्रश्नानां उत्तराणि लिखत-

अस्ति कर्मपुर नाम्नि नगरे प्रच्छन्नभाग्य-नामधेयः कश्चित् कुमारः। बाल्येवयसि विद्यापराङ्गमुखः सः केनचित् दुष्टबुद्धिः नाम्ना चौर्येण सह चौर्यकर्मणि निरतः संजातः। एकदा सः दुष्टबुद्धिना सार्धम् कस्यचित् श्रेष्ठिनः गेहे धनहरणार्थम् ग्रामान्तरम् प्रस्थितः। अथ ब्रजन्तौ तौ गर्तसंकुले मार्गे क्रीडतः कांश्चित् बालकान् प्रेक्ष्य अवदताम् – भो भो बालकाः! कथमत्र नतोन्नते विषमे मार्गे क्रीडथ ? यदि कश्चित् मार्गे पतेत् तर्हि सः विकलाङ्गो भूत्वा चिरं क्लेशम् अनुभवेत्। तत् श्रुत्वा तेषु कश्चित् उद्दण्डः बालकः उवाच- अपि भो ! यद्देवं तर्हि कथं भवन्तौ सुपथम् परित्यज्य अनेन कुपथेन गन्तुम् प्रवृत्तौ ? अपि इदं श्रेयस्करम् ?

#### अ) एकपदेन उत्तरत – (केवलं प्रश्नद्वयम्)

(½x2=1)

- कुमारस्य नाम किम् आसीत् ?
- कीदृशः बालकः उवाच ?
- दुष्टबुद्धिः किमर्थम् ग्रामान्तरं प्रस्थितः?

#### आ) एकवाक्येन उत्तरत – (केवलं प्रश्नद्वयम्)

(1x2=2)

- गर्ते पतित्वा कश्चित् किम् अनुभवेत् ?
- तौ कुत्र प्रस्थितौ?
- उद्दण्डः बालकः किम् उवाच ?

#### इ) यथानिर्देशानुसारम् उत्तरत – (केवलं प्रश्नद्वयम्)

(1x2=2)

- “उद्दण्डः बालकः” अनयोः पदयोः विशेष्य पदम् किम् ?
- “विषमे मार्गे ” इति अनयोः पदयोः विशेषण पदम् किम् ?
- ‘कुपथम्’ अस्य गद्यांशे विलोम (विपर्यय) पदम् किम् ?

13. अधोलिखितं पद्यांशं पठित्वा प्रश्नानां उत्तराणि लिखत-

यः इच्छत्यात्मनः श्रेयः प्रभूतानि सुखानि च ।

न कुर्यादहितम् कर्म स परेभ्यः कदापि च ॥

आचारः प्रथमो धर्मः इत्येतद् विदुषां वचः।

तस्माद् रक्षेत् सदाचारम् प्राणेभ्यो अपि विशेषतः ॥

अ) एकपदेन उत्तरत - (केवलं प्रश्नद्वयम्)

(½x2=1)

i) मनुष्यः प्रभूतानि कानि इच्छति ?

ii) जनः आत्मनः किम् इच्छति ?

iii) कः प्रथमः धर्मः?

आ) एकवाक्येन उत्तरत - (केवलं प्रश्नद्वयम्)

(1x2=2)

i) कः स्व जीवने सुखानि इच्छति ?

ii) प्राणेभ्यः अपि विशेषतः कः ?

iii) विदुषां वचं किम् ?

इ) उचितम् उत्तरम् चित्वा लिखत - (केवलं प्रश्नद्वयम्)

(1x2=2)

i) “प्रथमः धर्मः” इति अनयोः पदयोः विशेष्य पदम् किम् ?

ii) “कल्याणम्” इत्यर्थे अत्र किम् पदम् प्रयुक्तम् ?

iii) “सुखानि” अस्य विशेषण पदम् किम् ?

14. अधोलिखितं नाट्यांशं पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि लिखत।

काकः - रे परभृत्! अहं यदि तव सन्ततिं न पालयामि तर्हि कुत्र स्युः पिकाः ? अतः अहमेव

करुणापरः पक्षिसम्राट् काकः।

राजहंसः - शान्तं शान्तम्। अहमेव नीरक्षीरविवेकी पक्षिणां राजा।

बकः- धिक् युष्मान्। अहमेव सर्वशिरोमणिः !

(ततः प्रकृतिमाता प्रविशति)

प्रकृतिः - (सस्नेहम्) अलम् अलं मिथः कलहेन। अहं प्रकृतिः एव युष्माकं जननी। यूयं सर्वे एव मम

प्रियाः। सर्वेषामेव महत्त्वं विद्यते यथासमयम्। सर्वे एव मे शोभा। न तावत् कलहेन समयं वृथा

यापयेत्। मिलित्वा एव मोदध्वं जीवनं च रसमयं कुरुध्वम्।

I. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

(½ × 2 = 1)

(क) केन अलम् इति प्रकृतिमाता वदति?

(ख) कस्य सन्ततिं काकः पालयति?

(ग) का प्रतिशति ?

II. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(2 × 1 = 2)

(क) समयं कथं न यापयेत्?

(ख) नीरक्षीरविवेकी कः ?

(ग) कः सर्वशिरोमणिः ?

III. निर्देशानुसारम् उत्तरत। (केवलं प्रश्नद्वयम्)

(1 × 2 = 2)

(क) 'पिकाः' इत्यस्य कर्तृपदस्य क्रियापदं किम्?

(ख) 'परस्परम्' इति पदस्य पर्यायपदं नाट्यांशे अस्ति?

(ग) 'अहं प्रकृतिः एव युष्माकं जननी।' अस्मिन् वाक्ये अव्यय पदं किम्?

15. रेखाङ्कितपदानि आधृत्य प्रश्ननिर्माणं कुरुत ।

(1 × 5 = 5)

(i) मनुष्यः कामेन प्रयुक्तः एवं पापस्य आचरणं करोति।

(ii) काम एव अस्माकं शत्रुः ।

(iii) यः क्रोधस्य वेगं जीवने सहते स सुखी नरः ।

(iv) मनसः निग्रहः वायोः इव कठिनः ।

(v) कामस्य नाशाय इन्द्रियाणि वशे करणीयानि ।

16. मंजूषायाः साहाय्येन श्लोकस्य अन्वये रिक्तस्थानानि पूरयित्वा पुनः लिखत ।

(½ × 4 = 2 )

वाक्पटुधैर्यवान् मंत्री, सभायामप्यकातरः ।

स केनापि प्रकारेण, परैर्न परिभूयते ॥

अन्वय : - (यः) मंत्री (i)..... धैर्यवान् सभायाम् (ii) ..... अकातरः अस्ति । सः (iii)  
..... केन अपि प्रकारेण न (iv) ..... ।

### मञ्जूषा

अपि , परिभूयते , वाक्पटुः , परैः

### अथवा

अधोलिखित श्लोकस्य भावार्थे मञ्जूषायाः उचितपदैः पूरयत ।

(½ ×4=2)

“आचारः प्रथमो धर्मः, इत्येतद् विदुषाम् वचः । तस्माद् रक्षेद् सदाचारं, प्राणेभ्योऽपि विशेषतः ॥”

भावार्थः : - विदुषाम् (i) ..... इति तद् (ii) ..... प्रथमो धर्मः (iii) .....  
प्राणेभ्योऽपि तस्माद् सदाचारं (iv) ..... ।

### मञ्जूषा

आचारः , वचः , विशेषतः , रक्षेत्

17.रेखाङ्कितपदानि प्रसङ्गानुसारम् उचितम् अर्थं चित्वा लिखत (केवलं प्रश्नचतुष्टयम्) (1×4=4)

i) साधु पृष्टम् ।

(अ) सम्यक् (ब) शुद्धम् (स) सन्यासी

ii.)विपुला च अत्र वनसम्पदा ।

(अ) पृथ्वी (ब) विशाला (स) स्थूला

iii) वाक्पटुः धैर्यवान् मंत्री सभायामप्यकातरःपरैः न परिभूयते ।

(अ) निपुणः (ब) उत्तमःश्रोता (स) वाक्कुशलः

iv)आपदाम् तरणिः धैर्यम् ।

(अ) सूर्यः (ब) तरणम् (स) नौका

v)विषादम् त्यक्त्वा उद्यमः क्रियताम् ।

(अ) परिश्रमः (ब) प्रयत्नः (स) प्रयोगः

## 18. अधोलिखितं मञ्जूषातः पदानि चित्वा पूर्णं कथां लिखतु

(½x8=4)

कालोऽहम् । अहं(i)-----कालः । विश्वस्य आत्मा अहम् । कलयामि(ii)----- जगतः आयुः  
प्रमाणम् । सततं चक्रवत् परिवर्तमानः भूतम् वर्तमानं भविष्यदपि च वीक्षमाणः अहमेव(iii)-----  
जगतः उत्पत्तेः विकासस्य (iv)----- । इदं जगत् तु पुनः पुनः जायते विलीयते च परम् अहं  
विद्यमानोऽस्य सर्वं (v)----- पश्यामि । अहो! किम् जानीथ यूयम् , “कियती प्राचीना इयं सृष्टिः !”  
नैव ! तर्हि शृणुत(vi)----- । “कृतयुगं त्रेतायुगं द्वापरयुगं (vii)----- च इति चत्वारि युगानि ।  
चतुर्णाम् युगानाम् समूहः एव(viii)----- । एकसप्ततिमहायुगानाम् एकम् मन्वन्तरम्  
चतुर्दशमन्वन्तराणाम् समूहः कल्पः एव ब्रम्हणः एकम् दिनम् मन्यते । ब्रम्हणः आयुः शतं वर्षाणि ।”

### मञ्जूषा

गणयामि, प्रलयस्य च, , ध्यायनेन, कलियुगम्, महायुगम्, खलु, क्रियाकलापम्, साक्षी

# केन्द्रीय विद्यालय संगठन (मुंबई संभाग)

KENDRIYA VIDYALAYA SANGATHAN (MUMBAI REGION)

PRE-BOARD-1 EXAMINATION(2025-26)

कक्षा: दसवीं

अधिकतम अंक: 80

विषय: सामाजिक विज्ञान (087)

अधिकतम समय :3.00 घंटे

CLASS: X

Time Allowed: 3.00 Hrs.

SUBJECT: SOCIAL SCIENCE (087)

Max. Marks: 80

## सामान्य निर्देश:

1. प्रश्न पत्र में कुल 38 प्रश्न हैं। सभी प्रश्न अनिवार्य हैं।
2. प्रश्न पत्र चार खंडों में विभाजित है खंड क: इतिहास, खंड ख: भूगोल, खंड ग: राजनीतिक विज्ञान, और खंड घ: अर्थशास्त्र
3. प्रत्येक खंड 20 अंकों का है और इसमें बहुविकल्पीय प्रश्न (MCQs), अति लघु उत्तरीय प्रश्न (VSA), लघु उत्तरीय प्रश्न (SA), दीर्घ उत्तरीय प्रश्न (LA) और केस आधारित प्रश्न (CBQ) शामिल हैं।
4. अति लघु उत्तरीय प्रश्न (VSA) प्रत्येक 2 अंक के हैं। प्रत्येक प्रश्न का उत्तर 40 शब्दों से अधिक नहीं होना चाहिए।
5. लघु उत्तरीय प्रश्न (SA) प्रत्येक 3 अंक के हैं। प्रत्येक प्रश्न का उत्तर 60 शब्दों से अधिक नहीं होना चाहिए।
6. दीर्घ उत्तरीय प्रश्न (LA) प्रत्येक 5 अंक के हैं। प्रत्येक प्रश्न का उत्तर 120 शब्दों में अधिक नहीं होना चाहिए।
7. केस आधारित प्रश्न (CBQ) में तीन उप-प्रश्न हैं और ये प्रत्येक 4 अंक के हैं। प्रत्येक प्रश्न का उत्तर 100 शब्दों से अधिक नहीं होना चाहिए।
8. मानचित्र आधारित प्रश्न 5 अंक के हैं, जिसमें दो भाग होते हैं खंड क (इतिहास) में प्रश्न 9 (2 अंक) और खंड ब (भूगोल) में प्रश्न 17 (3 अंक)।
9. प्रश्न पत्र में समग्र विकल्प नहीं दिया गया है। हालांकि, कुछ प्रश्नों में आंतरिक विकल्प प्रदान किए गए हैं। ऐसे प्रश्नों में केवल एक विकल्प का ही उत्तर देना अनिवार्य है।

## General Instructions:

1. There are 38 questions in the Question paper. All questions are compulsory.
2. The question paper has Four Sections - A-History, B-Geography C- Political Science, and D-Economics.
3. Each Section is of 20 Marks and has MCQs, VSA, SA, LAs and CBQ.
4. Very Short Answer Type Questions (VSA), carry 2 marks each. Answers to each question should not exceed 40 words.
5. Short Answer Type Questions (SA), carry 3 marks each. Answers to each question should not exceed 60 words.
6. Long answer type questions (LA), carry 5 marks each. Answers to each question should not exceed 120 words.
7. There are case based questions (CBQ) with three sub questions and are of 4 marks each. Answers to each question should not exceed 100 words.
8. The map-based questions carry 5 marks with two parts-Q9. In Section A-History (2 marks) and Q17. In Section B-Geography (3 marks)
9. There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions must be attempted.

**SECTION: A**  
**HISTORY (20 Marks)**

1.

निम्नलिखित का मिलान करें और सही विकल्प चुनें:

| नेता                  | Role                                     |
|-----------------------|------------------------------------------|
| A. विक्टर इमैनुएल II  | I. इटली के मुख्यमंत्री                   |
| B. ग्यूसेप माज़िनी    | II. युवा इटली आंदोलन                     |
| C. ग्यूसेप गैरीबाल्डी | III. सिसिली साम्राज्य पर विजय प्राप्त की |
| D. काउंट कावौर        | IV. एकीकृत इटली का राजा घोषित किया गया   |

विकल्प:

(a) A-I, B-IV, C-III, D-II

(b) A-II,B-I, C-IV, D-III

(c) A-IV, B-II, C-III, D-I

(d) A-I, B-IV, C-II, D-III

Match the following and choose the correct option:

| Leader                | Role                                    |
|-----------------------|-----------------------------------------|
| A. Victor Emmanuel II | I. Chief Minister of Italy              |
| B. Giuseppe Mazzini   | II. Young Italy Movement                |
| C. Giuseppe Garibaldi | III. Conquered the Kingdom of Sicily    |
| D. Count Cavour       | IV. Proclaimed as King of Unified Italy |

Options:

(a) A-I, B-IV, C-III, D-II

(b) A-II,B-I, C-IV, D-III

(c) A-IV, B-II, C-III, D-I

(d) A-I, B-IV, C-II, D-III

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2.

नीचे दी गई छवि के बारे में सही कथन चुनें।



(A) यह चित्र कलाकार लोरेन्ज क्लासेन द्वारा चित्रित किया गया था।

(B) यह चित्र कलाकार जूलियस ह्यूबनर द्वारा चित्रित किया गया था।

(C) इस चित्र का शीर्षक "जर्मनिया गार्डिंग द राइन" था।

(D) फिलिप वीट, वह कलाकार थे जिन्होंने यह चित्र बनाया था।

Choose the correct statement about the image given bellow.

(A) This image was painted by artist Lorenz Clasen.

(B) This image was painted by artist Julius Hübner

(C) Germania guarding the Rhine was the title of this painting.

(D) Philip Veit, was the artist who have made this painting.

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|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 3.       | <p>कथन (A): गांधीजी के 'सत्याग्रह' केविचार ने सत्य की शक्ति और सत्य की खोज की आवश्यकता पर जोर दिया।</p> <p>कारण (R): गांधीजी का मानना था कि एक सत्याग्रही उत्पीड़क की अंतरात्मा की आवाज़ पर अपील करके लड़ाई नहीं जीत सकता है।</p> <p>(A) (A) और (R) दोनों सत्य हैं और (R), (A) का सही स्पष्टीकरण है।</p> <p>(B) (A) और (R) दोनों सत्य हैं लेकिन (R), (A) का सही स्पष्टीकरण नहीं है।</p> <p>(C) (A) सत्य है लेकिन (R) असत्य है।</p> <p>(D) (A) असत्य है और (R) सत्य है।</p> <p><b>Assertion (A) :</b> Gandhiji's idea of satyagraha emphasised on the power of truth and the need to search for truth.</p> <p><b>Reason (R) :</b> Gandhiji believed that a satyagrahi could win the battle by appealing to the conscience of the oppressor.</p> <p>Select the correct option from the given alternatives.</p> <p>(A) Both A and R is true and R is the correct explanation of A</p> <p>(B) Both A and R is true and but R is not the correct explanation of A</p> <p>(C) A is true but R is false</p> <p>(D) A is false but R is true</p> | 1 |
| 4        | <p>भारत में पहली प्रिंटिंग प्रेस किसने शुरू की ?</p> <p>(A) ईस्ट इंडिया कंपनी (B) अरबी व्यापारी</p> <p>(C) पोर्तगाली (D) इन में से कोई नहीं</p> <p>Who among the following started the first printing press in India?</p> <p>(A) East India Company (B) Arab traders</p> <p>(C) Portuguese (D) None of these</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 |
| 5A<br>5B | <p>19 वीं सदी में यूरोपीय लोग अमेरिका क्यों भाग गए ? दो कारण बताइए।</p> <p><b>अथवा</b></p> <p>रेशम मार्ग ने दुनिया को कैसे जोड़ा ?</p> <p>Why did Europeans flee to America in the 19th Century? Give two reasons.</p> <p><b>OR</b></p> <p>How did silk route link the world?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 |
| 6A<br>6B | <p>कुछ लोग आसानी से उपलब्ध मुद्रित पुस्तकों के प्रभाव से क्यों डरते थे? यूरोप से एक और भारत से एक उदाहरण चुनिए।</p> <p><b>अथवा</b></p> <p>संक्षेप में बताइए कि मुद्रण संस्कृति ने भारत में राष्ट्रवाद के विकास में किस प्रकार सहायता की।</p> <p>(A) Why did some people fear the effect of easily available printed books? Choose one example from Europe and one from India.</p> <p><b>OR</b></p> <p>(B) Explain in brief how print culture assisted the growth of nationalism in India.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |   |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 7A<br>7B | <p>इटली और जर्मनी के एकीकरण की प्रक्रिया के बीच किन्हीं चार असमानताओं का वर्णन कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>ब्रिटेन में राष्ट्र-राज्य का गठन शेष यूरोप से किस प्रकार भिन्न था? चर्चा कीजिए।<br/>Describe any four dissimilarities between the process of unification of Italy and Germany.</p> <p style="text-align: center;"><b>OR</b></p> <p>How was the formation of nation-state in Britain different from that of rest of the Europe ? Discuss.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5 |
| 8        | <p><b>दिए गए पाठ को पढ़ें और निम्नलिखित प्रश्नों के उत्तर दें:</b></p> <p>सामूहिक जुड़ाव की भावना आंशिक रूप से एक जुट संघर्षों के अनुभव से आई। लेकिन कई सांस्कृतिक प्रक्रियाएँ भी थीं जिनके माध्यम से राष्ट्रवाद ने लोगों की कल्पना पर कब्ज़ा किया। इतिहास और कल्पना, लोक कथाएँ और गीत, लोकप्रिय प्रिंट और प्रतीक, सभी ने राष्ट्रवाद के निर्माण में भूमिका निभाई। राष्ट्र की पहचान अक्सर किसी आकृति या छवि के माध्यम से दर्शाई जाती है। इस से एक ऐसी छवि बनाने में मदद मिलती है जिससे लोग राष्ट्र की पहचान कर सकें। बीसवीं सदी में, राष्ट्रवाद के विकास के साथ, भारत की पहचान भारत माता की छवि के साथ दृष्टिगत रूप से जुड़ गई। इस छवि का निर्माण सबसे पहले बंकिम चंद्रचट्टोपाध्याय ने किया था। 1870 के दशक में उन्होंने मातृभूमि के लिए एक भजन के रूप में 'वंदेमातरम' लिखा। बाद में इसे उनके उपन्यास आनंद मठ में शामिल किया गया और बंगाल में स्वदेशी आंदोलन के दौरान इसे व्यापक रूप से गाया गया। स्वदेशी आंदोलन से प्रेरित होकर, अवनींद्रनाथ टैगोर ने भारतमाता की अपनी प्रसिद्ध छवि बनाई। इस चित्र में भारतमाता को एक तपस्वी के रूप में चित्रित किया गया है; वह शांत, संयमित, दिव्य और आध्यात्मिक हैं।</p> <p><b>निम्नलिखित प्रश्नों के उत्तर दीजिए। (1+1+2)</b></p> <p>8.1. बंगाल में स्वदेशी आंदोलन के दौरान मातृभूमि के लिए कौन सा भजन व्यापक रूप से गाया गया था?</p> <p>8.2. किसी आकृति या छवि में भारत की पहचान का प्रतीक क्या था?</p> <p>8.3. विभिन्न समुदायों, क्षेत्रों या भाषा के लोगों में सामूहिक जुड़ाव की भावना कैसे विकसित हुई?</p> <p><b>Read the given text and answer the following questions:</b><br/>The sense of collective belonging came partly through the experience of united struggles. But there were also a variety of cultural processes through which nationalism captured people's imagination. History and fiction, folklore and songs, popular prints and symbols, all played a part in the making of nationalism. The identity of the nation is most often symbolised in a figure or image. This helps create an image with which people can identify the nation. It was in the twentieth century, with the growth of nationalism, that the identity of India came to be visually associated with the image of Bharat Mata. The image was first created by Bankim Chandra Chattopadhyay. In the 1870s he wrote 'VandeMataram' as a hymn to the motherland. Later it was included in his novel Anand math and widely sung during the Swadeshi movement in Bengal. Moved by the Swadeshi movement, Abanindranath Tagore painted his famous image of Bharat Mata. In this painting Bharat Mata is portrayed as an ascetic figure; she is calm, composed, divine and spiritual.</p> | 4 |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
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|   | <p>Answer the followings questions.</p> <p>8.1. Which hymn to the mother land was widely sung during Swadeshi movements in Bengal?</p> <p>8.2. How did the identity of India symbolise in a figure or image?</p> <p>8.3. How did people of different communities, regions or language develop a sense of collective belonging?</p>                                                                                                                                                                                                                                                                                                                                 |   |
| 9 | <p>(मानचित्र कौशल आधारित प्रश्न)</p> <p>दिए गए भारत के रेखामान चित्र पर दो स्थान A और B अंकित हैं। उन्हें पहचानिए और उनके पास खींची गई रेखाओं पर उनके सही नाम लिखिए।</p> <p>A. वह स्थान जहाँ सविनय अवज्ञा आंदोलन हुआ था।</p> <p>B. वर्ष 1927 में इसी स्थान पर भारतीय राष्ट्रीय कांग्रेस का अधिवेशन हुआ था।</p> <p>(Map Skill-Based Question)</p> <p>Two places A and B have been marked on the given outline map of India. Identify them and write their correct names on the lines drawn near them.</p> <p>A. The place where the civil disobedience movement took place.</p> <p>B. Indian National Congress Session was held at this place in the year 1927.</p> | 2 |

**SECTION: B**  
**GEOGRAPHY (20 Marks)**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
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| 10 | <p>नीचे दिए गए स्रोत को पढ़ें और उस के बाद दिए गए प्रश्नों के उत्तर दें:</p> <p>जून 1992 में, ब्राज़ील के रियो-डी-जेनेरियो में 100 से अधिक राष्ट्राध्यक्ष पहले अंतर्राष्ट्रीय पृथ्वी शिखर सम्मेलन के लिए एकत्र हुए। यह शिखर सम्मेलन वैश्विक स्तर पर पर्यावरण संरक्षण और सामाजिक-आर्थिक विकास की तात्कालिक समस्याओं के समाधान के लिए आयोजित किया गया था। एकत्रित नेताओं ने वैश्विक जल वायु परिवर्तन और जैविक विविधता पर घोषणा पत्र पर हस्ताक्षर किए। रियो सम्मेलन ने वैश्विक वनसिद्धांतों का समर्थन किया और 21वीं सदी में सतत विकास प्राप्त करने के लिए एजेंडा 21 को अपनाया। पर्यावरण को नुकसान पहुँचाए बिना और भावी पीढ़ियों की जरूरतों से समझौता किए बिना विकास प्राप्त करने के लिए प्रयुक्त शब्द है:</p> <p>(A) सामाजिक-आर्थिक विकास</p> <p>(B) एजेंडा 21</p> <p>(C) वैश्विक पर्यावरणीय विकास</p> <p>(D) सतत विकास</p> <p>Read the source given below and answer the questions that follows: In June 1992, more than 100 heads of states met in Rio-de-Janeiro in Brazil, for the first international Earth Summit. The summit was convened for addressing urgent problems of environmental protection and socio-economic development at the global level. The assembled leaders signed the Declaration on Global Climatic Change and Biological Diversity. The Rio Convention endorsed the global Forest Principles and adopted Agenda 21 for achieving Sustainable Development in the 21st</p> | 1 |
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|    | <p>century. The term used to achieve development without damaging the environment and without compromising with the needs of the future generations is:</p> <p>(A) Socio-economic development (B) Agenda 21<br/>(C) Global environmental development (D) Sustainable development</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
| 11 | <p>निम्नलिखित तालिका को सही जानकारी से पूरा करें। कौन से अधिनियम के तहत शेष लुप्तप्राय प्रजातियों और उनके आवास की रक्षा करना भारतीय संसद द्वारा पारित किया गया था।</p> <p>सही विकल्प चुनें:</p> <p>(A) वन्यजीव संरक्षण अधिनियम -1972<br/>(B) वन्यजीव सुरक्षा अधिनियम - 1952<br/>(C) वन्यजीव संरक्षण अधिनियम - 1962<br/>(D) वन्यजीव सुरक्षा अधिनियम- 1982</p> <p>Complete the following table with correct information which Act Aims To protect the remaining endangered species and their habitat. Passed by Indian Parliament<br/>Choose correct option :</p> <p>(A) Wildlife Protection Act - 1972 (B) Wildlife Security Act- 1952<br/>(C) Wildlife Protection Act - 1962 (D) Wildlife Security Act- 1982</p> | 1 |
| 12 | <p>निम्नलिखित में से किस संरक्षण रणनीति में सीधे तौर पर सामुदायिक भागीदारी शामिल नहीं है?</p> <p>(A) संयुक्त वन प्रबंधन (B) बीज बचाओ आंदोलन<br/>(C) चिपको आंदोलन (D) वन्यजीव अभयारण्यों का सीमांकन</p> <p>Which of the following conservation strategies do not directly involve community participation?</p> <p>(A) Joint forest management (B) Beej Bachao Andolan<br/>(C) Chipko Movement (D) Demarcation of Wildlife sanctuaries</p>                                                                                                                                                                                                                                                                         | 1 |
| 13 | <p>किस फसल को " सुनहरी रेशा " के रूप में जाना जाता है? इस फसल की खेती के लिए आवश्यक दो भौगोलिक स्थितियों की व्याख्या करें।</p> <p>Which crop is known as the "Golden fibre" Explain two geographical conditions essential for the cultivation of this crop.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 |
| 14 | <p>(A) भारत में हरितक्रांति के लिए उत्तरदायी विभिन्न तकनीकी और संस्थागत सुधारों का वर्णन कीजिए।</p> <p><b>अथवा</b></p> <p>(B) भारत के तीन फसल मौसमों का वर्णन कीजिए।</p> <p>(A) Describe various technological and institutional reforms which led to the Green Revolution in India.</p> <p><b>OR</b></p> <p>(B) Describe the three cropping seasons of India.</p>                                                                                                                                                                                                                                                                                                                                               | 3 |

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| 15 | <p>(A) हुगली नदी के किनारे जूट मिलों के संकेन्द्रण के लिए तरदायी मुख्य कारकों की व्याख्या कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) चीनी मिलें भारत के दक्षिणी और पश्चिमी राज्यों में क्यों स्थानांतरित और संकेन्द्रित हो रही हैं? कारण बताइए।</p> <p>(A) Explain the main factors which are responsible for the concentration of jute mills along the banks of Hugli River.</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) Why are sugar mills shifting and concentrating in southern and western State of India? Give reasons.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 |
| 16 | <p>दिए गए स्रोत को पढ़ें और निम्नलिखित प्रश्नों के उत्तर दें। <span style="float: right;">(1+1+2)</span></p> <p>मृदा आवरण का क्षरण और उसके बाद मिट्टी का नीचे बह जाना मृदा अपरदन कहलाता है। मृदा निर्माण और अपरदन की प्रक्रियाएँ साथ-साथ चलती हैं और आमतौर पर दोनों के बीच एक संतुलन बना रहता है। कभी-कभी, यह संतुलन मानवीय गतिविधियों जैसे वनों की कटाई, अति-चारण, निर्माण और खनन आदि के कारण बिगड़ जाता है, जब कि हवा, हिमनद और पानी जैसी प्राकृतिक शक्तियाँ मृदा अपरदन का कारण बनती हैं। बहता पानी चिकनी मिट्टी को चीरता हुआ गहरी नालियाँ बना देता है। यह भूमि खेती के लिए अनुपयुक्त हो जाती है और इसे बंजर भूमि कहा जाता है। चंबल बेसिन में ऐसी भूमि को खड़क हा जाता है। कभी-कभी पानी ढलान से नीचे बड़े क्षेत्रों में चादर के रूप में बहता है। ऐसे मामलों में ऊपरी मिट्टी बह जाती है। इसे चादर अपरदन कहा जाता है। हवा समतल या ढलान वाली भूमि से ढीली मिट्टी उड़ा ले जाती है जिसे पवन अपरदन कहा जाता है। खेती के दोषपूर्ण तरीकों के कारण भी मृदा अपरदन होता है। गलत तरीके से जुताई करने से, यानी ढलान पर ऊपर-नीचे जुताई करने से पानी के तेज बहाव के लिए नालियाँ बन जाती हैं जिस से मृदा अपरदन होता है। समोच्च रेखाओं के साथ जुताई करने से ढलान से नीचे पानी का प्रवाह धीमा हो सकता है। इसे समोच्च जुताई कहते हैं। आश्रय बनाने के लिए पेड़ों की कतारें लगाना भी इसी तरह काम करता है। ऐसे पेड़ों की कतारों को आश्रय पट्टियाँ कहते हैं। इन आश्रय पट्टियों ने रेत के टीलों को स्थिर करने और पश्चिमी भारत के रेगिस्तान को स्थिर करने में महत्वपूर्ण योगदान दिया है।</p> <p>16.1 मानवीय गति विधियों के कारण मृदा निर्माण और अपरदन का संतुलन बिगड़ जाता है। इस कथन की पुष्टि के लिए एक उदाहरण दीजिए।</p> <p>16.2 मृदा संरक्षण क्या है?</p> <p>16.3 अवनालिका अपरदन और परत अपरदन में अंतर बताइए।</p> <p><b>Read the given source and answer the questions that follow:</b></p> | 4 |

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|    | <p>The denudation of the soil cover and subsequent washing down is described as soil erosion. The processes of soil formation and erosion go on simultaneously and generally there is a balance between the two. Sometimes, this balance is disturbed due to human activities like deforestation, over-grazing, construction and mining etc., while natural forces like wind, glacier and water lead to soil erosion. The running water cuts through the clayey soils and makes deep channels as gullies. The land becomes unfit for cultivation and is known as bad land. In the Chambal basin such lands are called ravines. Sometimes water flows as a sheet over large areas down a slope. In such cases the top soil is washed away. This is known as sheet erosion. Wind blows loose soil off flat or sloping land known as wind erosion. Soil erosion is also caused due to defective methods of farming. Ploughing in a wrong way i.e. up and down the slope form channels for the quick flow of water leading to soil erosion. Ploughing along the contour lines can decelerate the flow of water down the slopes. This is called contour ploughing. Planting lines of trees to create shelter also works in a similar way. Rows of such trees are called shelter belts. These shelter belts have contributed significantly to the stabilisation of sand dunes and in stabilising the desert in western India.</p> <p>16.1. The balance of soil formation and erosion is disturbed due to human activities. Give one example to prove the statement.</p> <p>16.2. What is soil conservation.</p> <p>16.3 Differentiate between gully erosion and sheet erosion.</p> |   |
| 17 | <p>भारत के उसी रेखामान चित्र पर निम्नलिखित में से किन्हीं तीन को उपयुक्त प्रतीकों से चिह्नित कीजिए।</p> <p>i. नागार्जुन सागर बांध</p> <p>ii. पारादीप बंदरगाह</p> <p>iii. मुंबई सॉफ्टवेयर टेक्नोलॉजी पार्क</p> <p>iv. राजा-सांसी अंतर्राष्ट्रीय हवाईअड्डा</p> <p>v. बोकारो- लौह एवं इस्पात संयंत्र</p> <p>On the same outline map of India locate and label any three of the following with suitable symbols.</p> <p>i. Nagarjuna Sagar dam</p> <p>ii. Paradip port</p> <p>iii. Mumbai Software Technology Park</p> <p>iv. Raja-Sansi International Airport</p> <p>v. Bokaro – Iron and steel plant</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 |
| 18 | <p style="text-align: center;"><b>SECTION: A</b><br/><b>POLITICAL SCIENCE (20 Marks)</b></p> <p>निम्नलिखित को सही क्रम में व्यवस्थित करें:</p> <p>(i) सिंहल को आधिकारिक भाषा के रूप में मान्यता देने के लिए एक अधिनियम पारित किया गया।</p> <p>(ii) श्रीलंका एक स्वतंत्र देश के रूप में उभरा।</p> <p>(iii) गृह युद्ध छिड़ गया।</p> <p>(iv) एक स्वतंत्र तमिल राज्य की मांग को लेकर कई राजनीतिक दल बनाए गए:</p> <p>(A) (i),(ii),(iv),(iii)      (B) (ii),(i),(iv),(iii)      (C) (ii),(i),(iii),(iv)      (D) (i),(ii),(iii),(iv)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 |

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|    | <p>Arrange the following in the correct sequence:</p> <p>(i) An act was passed to recognise Sinhala as the official language.</p> <p>(ii) Sri Lanka emerged as an independent country.</p> <p>(iii) A civil war broken out</p> <p>(iv) Several political parties were formed demanding an independent Tamil state:</p> <p>(A) (i),(ii),(iv),(iii)      (B) (ii),(i),(iv),(iii)      (C) (ii),(i),(iii),(iv)      (D) (i),(ii),(iii),(iv)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                         |   |
| 19 | <p>अभिकथन (A) : बेल्जियम में सत्ता विभिन्न सामाजिक समूहों के बीच साझा की जाती है।<br/>कारण (R): बेल्जियम में सामुदायिक सरकार के पास सांस्कृतिक, शैक्षिक और भाषा संबंधी मुद्दों पर अधिकार है।</p> <p>(A) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है।<br/>(B) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है।<br/>(C) (A) असत्य है, लेकिन (R) सत्य है।<br/>(D) (A) सत्य है, लेकिन (R) असत्य है।</p> <p><b>Assertion (A) :</b> Power is shared among different social groups in Belgium.<br/><b>Reason (R) :</b> Community Government in Belgium has the power regarding cultural, educational and language related issue.</p> <p>(A) Both A and R are true, but R is not the correct explanation of A.<br/>(B) Both A and R are true and R is the correct explanation of A.<br/>(C) A is false, but R is true.<br/>(D) A is true, but R is false.</p> | 1 |
| 20 | <p>_____ ने एकात्मक शासन प्रणाली से संघीय शासन प्रणाली में परिवर्तन किया।</p> <p>(A) श्रीलंका      (B) बेल्जियम<br/>(C) बेल्जियम और श्रीलंका दोनों      (D) उपरोक्त में से कोई नहीं</p> <p>_____ made the shift from a unitary to a federal system of government.</p> <p>(A) Sri Lanka      (B) Belgium<br/>(C) Both Belgium and Sri Lanka      (D) None of the above</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 |
| 21 | <p>निम्नलिखित में से कौन संघ सूची में शामिल हैं?</p> <p>(A) बैंकिंग      (B) विदेश मामले<br/>(C) देश की रक्षा      (D) उपरोक्त सभी</p> <p>Which of the following are included in the Union List?</p> <p>(A) Banking      (B) Foreign Affairs<br/>(C) Defence of the country      (D) All of the above</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 |

| 22                                         | <p>_____ का समान पारिश्रमिक अधिनियम यह प्रावधान करता है कि समान कार्य के लिए समान वेतन का भुगतान किया जाना चाहिए।</p> <p>(A) 1986 (B) 1976 (C) 1966 (D) 1972</p> <p>The Equal Remuneration Act of _____ provides that equal wages should be paid to equal work.</p> <p>(A) 1986 (B) 1976 (C) 1966 (D) 1972</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1      |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|--------------------|-----------------------------|-----------------------|---------------|--------------------------------------------|-----------------------------|-----------------------|----------------|--------|---------|-------------------|---------------------------------|---------------------------|----------------|---------------------------------------|--------------------------------|-----------------------|---------------|---|
| 23                                         | <p>निम्नलिखित का मिलान करें और सही विकल्प चुनें:</p> <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>1. कांग्रेस पार्टी</td><td>A. राष्ट्रिय जनता दल गठबंधन</td></tr><tr><td>2. भारतीय जनता पार्टी</td><td>B. राज्य पक्ष</td></tr><tr><td>3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी)</td><td>C. संयुक्त प्रगतिशील गठबंधन</td></tr><tr><td>4. तेलुगु देशम पार्टी</td><td>D. लेफ्ट फ्रंट</td></tr></tbody></table> <p>(A) 1-C, 2-A, 3-B, 4-D (B) 1-C, 2-D, 3-A, 4-B<br/>(C) 1-C, 2-A, 3-D, 4-B (D) 1-D, 2-C, 3-A, 4-B</p> <p>Match the following and choose the correct option:</p> <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>1. Congress Party</td><td>A. National Democratic Alliance</td></tr><tr><td>2. Bharatiya Janata Party</td><td>B. State Party</td></tr><tr><td>3. Communist Party of India (Marxist)</td><td>C. United Progressive Alliance</td></tr><tr><td>4. Telugu Desam Party</td><td>D. Left Front</td></tr></tbody></table> <p>(A) 1-C, 2-A, 3-B, 4-D (B) 1-C, 2-D, 3-A, 4-B<br/>(C) 1-C, 2-A, 3-D, 4-B (D) 1-D, 2-C, 3-A, 4-B</p> | List I | List II | 1. कांग्रेस पार्टी | A. राष्ट्रिय जनता दल गठबंधन | 2. भारतीय जनता पार्टी | B. राज्य पक्ष | 3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी) | C. संयुक्त प्रगतिशील गठबंधन | 4. तेलुगु देशम पार्टी | D. लेफ्ट फ्रंट | List I | List II | 1. Congress Party | A. National Democratic Alliance | 2. Bharatiya Janata Party | B. State Party | 3. Communist Party of India (Marxist) | C. United Progressive Alliance | 4. Telugu Desam Party | D. Left Front | 1 |
| List I                                     | List II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 1. कांग्रेस पार्टी                         | A. राष्ट्रिय जनता दल गठबंधन                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 2. भारतीय जनता पार्टी                      | B. राज्य पक्ष                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी) | C. संयुक्त प्रगतिशील गठबंधन                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 4. तेलुगु देशम पार्टी                      | D. लेफ्ट फ्रंट                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| List I                                     | List II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 1. Congress Party                          | A. National Democratic Alliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 2. Bharatiya Janata Party                  | B. State Party                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 3. Communist Party of India (Marxist)      | C. United Progressive Alliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 4. Telugu Desam Party                      | D. Left Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 24                                         | <p>नीचे दो कथन दिए गए हैं। वे अभिकथन (A) और कारण (R) हैं। दोनों कथनों को पढ़ें और सही विकल्प चुनें।</p> <p><b>अभिकथन (A):</b> लोकतंत्र केवल बहुमत की राय से शासन नहीं है।</p> <p><b>कारण (R):</b> लोकतंत्र में, बहुमत को हमेशा अल्पमत के साथ मिलकर काम करना पड़ता है ताकि सरकारें आम राय का प्रतिनिधित्व करने के लिए कार्य कर सकें।</p> <p>विकल्प:</p> <p>(A) (A) सत्य है, लेकिन (R) असत्य है।<br/>(B) (A) असत्य है, लेकिन (R) सत्य है।<br/>(C) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है।<br/>(D) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है।</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1      |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|    | <p>Two statements are given below. They are Assertion (A) and Reason (R). Read both the statements and choose the correct option.</p> <p><b>Assertion (A):</b> Democracy is not simply a rule by majority of opinion.</p> <p><b>Reason (R):</b> In a democracy, majority always need to work with the minority so that governments can function to represent the general view..</p> <p>Options:</p> <p>(A) (A) is true, but (R) is false.</p> <p>(B) (A) is false, but (R) is true.</p> <p>(C) Both (A) and (R) are true and (R) is the correct explanation of (A)</p> <p>(D) Both (A) and (R) are true, but (R) is not the correct explanation of (A).</p>                      |   |
| 25 | <p>लोकतंत्रों के संदर्भ में, निम्नलिखित में से कौन सा विचार सही है कि लोकतंत्र ने सफलतापूर्वक समाप्त कर दिया है</p> <p>(A) लोगों के बीच संघर्ष</p> <p>(B) लोगों के बीच आर्थिक असमानताएँ</p> <p>(C) हाशिए के वर्गों के साथ कैसे व्यवहार किया जाना चाहिए इस बारे में सारे मतभेद मिटा दिये गये हैं।</p> <p>(D) राजनीतिक असमानता का विचार</p> <p>In the context of democracies, which of the following ideas is correct democracies have successfully eliminated</p> <p>(A) Conflicts among people</p> <p>(B) Economic inequalities among people</p> <p>(C) Differences of opinion about how marginalised sections are to be treated</p> <p>(D) The idea of political inequality</p> | 1 |
| 26 | <p>A) संघवाद को एक साथ लाने और उसे बनाए रखने के बीच कोई दो प्रमुख अंतर बताइए।</p> <p><b>अथवा</b></p> <p>(B) संघवाद की कोई दो महत्वपूर्ण विशेषताएँ बताइए।</p> <p>(A) State any two major distinctions between coming together and holding together federations.</p> <p><b>OR</b></p> <p>(B) State any two important features of Federalism</p>                                                                                                                                                                                                                                                                                                                                    | 2 |
| 27 | <p>तानाशाही या किसी अन्य विकल्प की तुलना में लोकतंत्र सरकार का बेहतर रूप है?</p> <p>Democracy is better form of government when compared with dictatorship or any other alternative ?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 28 | <p>भारत को एक धर्मनिरपेक्ष राज्य बनाने वाले किसी भी तीन संवैधानिक प्रावधानों का उल्लेख कीजिए?<br/>Mention any three constitutional provisions that make India a secular state?</p>                                                                                                                                                                                                                                                                                                                                                              | 3 |
| 29 | <p>(A) “वंशवादी उत्तराधिकार राजनीतिक दलों के सामने सबसे गंभीर चुनौतियों में से एक है।”<br/>इस कथन का परीक्षण कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>राजनीतिक पार्टियों ने लोकतंत्र के प्रभावी संचालन में महत्वपूर्ण भूमिका निभाई। समझाइए।</p> <p>“Dynastic succession is one of the most serious challenges before the political parties.”<br/>Examine the statement.</p> <p style="text-align: center;"><b>OR</b></p> <p>Political parties played a significant role in the effective working of democracy? Explain.</p> | 5 |
| 30 | <p style="text-align: center;"><b>SECTION: D</b><br/><b>ECONOMICS (20 Marks)</b></p> <p><b>निम्नलिखित देशों में से किसका मानव विकास सूचकांक स्कोर उच्च है?</b><br/>(A) पाकिस्तान (B) म्यांमार (C) भारत (D) नेपाल<br/>Which one of the following countries has a high Human Development Index score?<br/>Pakistan (B) Myanmar (C) India (D) Nepal</p>                                                                                                                                                                                            | 1 |
| 31 | <p>दिए गए चित्र का अध्ययन करें<br/>Study the given picture.</p>  <p>चित्र में किया गया कार्य अर्थव्यवस्था के निम्नलिखित में से किस क्षेत्र के अंतर्गत आता है?<br/>(A) प्राथमिक (B) द्वितीयक (C) सार्वजनिक (D) निजी<br/>The work done in the picture comes under which one of the following sectors of the economy?<br/>(A) Primary (B) Secondary (C) Public (D) Private</p>                                                                                 | 1 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 32 | <p>राहुल के पास अतिरिक्त धन है, इसलिए वह एक बैंक खाता खोलता है और उसमें जमा करता है।</p> <p>जब भी उसे धन की आवश्यकता होती है, वह अपने बैंक जाकर वहाँ से धन निकाल सकता है। बैंकों में इस प्रकार की जमा राशि को _____ कहते हैं।</p> <p>(A) अतिरिक्त जमा      (B) सावधि जमा      (C) माँग जमा      (D) सावधि जमा</p> <p>Rahul has surplus money, so he opens a bank account and deposits in it. Whenever he needs money, he can go to his bank and withdraw from there. This kind of deposit with the banks is known as _____.</p> <p>(A) Surplus Deposit      (B) Term Deposit      (C) Demand Deposit.      (D) Fixed Deposit</p>                                                              | 1 |
| 33 | <p>वैश्वीकरण के लिए अंतर्राष्ट्रीय व्यापार समझौते क्यों महत्वपूर्ण हैं?</p> <p>(A) ये व्यापार बाधाओं को बढ़ाते हैं</p> <p>(B) ये सीमा-पार व्यापार नियमों को सरल बनाते हैं</p> <p>(C) ये देशों के बीच वस्तुओं के प्रवाह को सीमित करते हैं</p> <p>(D) ये विदेशी निवेश को हतोत्साहित करते हैं</p> <p>Why are international trade agreements important for globalization?</p> <p>(A) They increase trade barriers</p> <p>(B) They simplify cross-border trade regulations</p> <p>(C) They limit the flow of goods between countries</p> <p>(D) They discourage foreign investments</p>                                                                                                            | 1 |
| 34 | <p>वैश्वीकरण में बहुराष्ट्रीय निगमों (एमएनसी) की क्या भूमिका है?</p> <p>(A) वे सीमाओं के पार वस्तुओं और सेवाओं के प्रवाह को प्रतिबंधित करते हैं</p> <p>(B) वे सांस्कृतिक अलगाव को बढ़ावा देते हैं</p> <p>(C) वे विभिन्न देशों में निवेश करते हैं और वैश्विक आपूर्ति श्रृंखलाएँ बनाते हैं</p> <p>(D) वे स्थानीय बाजारों में प्रतिस्पर्धा को कम करते हैं।</p> <p>What role do multinational corporations (MNCs) play in globalization?</p> <p>(A) They restrict the flow of goods and services across borders</p> <p>(B) They promote cultural isolation</p> <p>(C) They invest in different countries and create global supply chains</p> <p>(D) They reduce competition in local markets.</p> | 1 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 35 | <p>(A) आर्थिक गतिविधियाँ, यद्यपि तीन अलग-अलग श्रेणियों में वर्गीकृत हैं, अत्यधिक परस्पर निर्भर हैं। चर्चा कीजिए। क्या आप इस विचार से सहमत हैं कि प्राथमिक, द्वितीयक और तृतीयक क्षेत्र एक-दूसरे पर निर्भर हैं?</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) "तृतीयक क्षेत्र की गतिविधियाँ प्राथमिक और द्वितीयक क्षेत्रों के विकास में सहायक होती हैं।" इस कथन का मूल्यांकन कीजिए।</p> <p>(A) Economic activities, though grouped into three different categories, are highly interdependent." Discuss. Do you agree with the view that primary, secondary and tertiary sectors are dependent on each other?</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) "Tertiary sector activities help in the development of the primary and secondary sectors." Evaluate the statement.</p> | 3 |
| 36 | <p>स्वयं सहायता समूहों के गठन के पीछे क्या उद्देश्य है? इस समूह की कार्य प्रणाली का भी संक्षेप में वर्णन कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>गरीब किसानों और श्रमिकों के लिए ऋण को लाभकारी बनाने हेतु कोई पाँच उपाय बताइए।</p> <p>What is the motive behind formation of Self Help Groups? Also briefly explain the functioning of this group.</p> <p style="text-align: center;"><b>OR</b></p> <p>State any five measures from which Loan can be made beneficial for poor farmers and workers.</p>                                                                                                                                                                                                                                                                           | 3 |
| 37 | <p>(A) बैंकों और सहकारी समितियों के लिए ग्रामीण क्षेत्रों में अपनी ऋण सुविधाएँ बढ़ाना क्यों आवश्यक है? व्याख्या कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) हमें भारत में ऋण के औपचारिक स्रोतों का विस्तार करने की आवश्यकता क्यों है?</p> <p>(A) Why is it necessary for the banks and cooperative societies to increase their lending facilities in rural areas? Explain.</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) Why do we need to expand formal sources of credit in India?</p>                                                                                                                                                                                                                                                                                | 5 |

(A) निम्नलिखित तालिका में दिए गए आँकड़ों को पढ़ें और दिए गए प्रश्न का उत्तर दें:

( 1+1+2)

| नागरिकों की मासिक आय | देश- A | देश- B | देश -C |
|----------------------|--------|--------|--------|
| समूह I               | 9000   | 5000   | 2000   |
| समूह II              | 10000  | 4000   | 1600   |
| समूह III             | 8000   | 6800   | 3500   |
| समूह IV              | 1100   | 5050   | 3000   |
| समूह V               | 12500  | 29650  | 10000  |
| औसत आय               | ?      | ?      | ?      |

38.1 देश A, B और C की औसत आय की गणना करें।

38.2 किस देश में आय का वितरण अधिक न्यायसंगत है?

(A) देश C. (B) देश A (C) देश B (D) 'देश A' और 'देश B' दोनों

38.3 आप किन देशों में आर्थिक असमानताएँ पाते हैं? इस समस्या के समाधान के लिए एक व्यवहार्य समाधान सुझाएँ।

#### अथवा

(B) विकास के लिए सार्वजनिक सुविधाओं के महत्व की परीक्षा करें।

Read the data given in the following table and answer the given questions.( 1+1+2)

| Monthly income of citizens | Country -A | Country -B | Country- C |
|----------------------------|------------|------------|------------|
| Group I                    | 9000       | 5000       | 2000       |
| Group II                   | 10000      | 4000       | 1600       |
| Group III                  | 8000       | 6800       | 3500       |
| Group IV                   | 1100       | 5050       | 3000       |
| Group V                    | 12500      | 29650      | 10000      |
| Average income             | ?          | ?          | ?          |

38.1 Calculate the average income of country A,B AND C

38.2 Which country has more equitable distribution of income?

(A) Country C (B) Country A (C) Country B (D) Both 'Country A' and 'Country B'

38.3 In which countries do you find economic disparities? Suggest a viable solution to overcome this problem.

#### OR

(B) Examine the importance of public facilities for the development.



# केन्द्रीय विद्यालय संगठन (मुंबई संभाग)

KENDRIYA VIDYALAYA SANGATHAN (MUMBAI REGION)

PRE-BOARD-1 EXAMINATION(2025-26)

कक्षा: दसवीं

अधिकतम अंक: 80

विषय: सामाजिक विज्ञान (087)

अधिकतम समय :3.00 घंटे

CLASS: X

Time Allowed: 3.00 Hrs.

SUBJECT: SOCIAL SCIENCE (087)

Max. Marks: 80

## सामान्य निर्देश:

1. प्रश्न पत्र में कुल 38 प्रश्न हैं। सभी प्रश्न अनिवार्य हैं।
2. प्रश्न पत्र चार खंडों में विभाजित है खंड क: इतिहास, खंड ख: भूगोल, खंड ग: राजनीतिक विज्ञान, और खंड घ: अर्थशास्त्र
3. प्रत्येक खंड 20 अंकों का है और इसमें बहुविकल्पीय प्रश्न (MCQs), अति लघु उत्तरीय प्रश्न (VSA), लघु उत्तरीय प्रश्न (SA), दीर्घ उत्तरीय प्रश्न (LA) और केस आधारित प्रश्न (CBQ) शामिल हैं।
4. अति लघु उत्तरीय प्रश्न (VSA) प्रत्येक 2 अंक के हैं। प्रत्येक प्रश्न का उत्तर 40 शब्दों से अधिक नहीं होना चाहिए।
5. लघु उत्तरीय प्रश्न (SA) प्रत्येक 3 अंक के हैं। प्रत्येक प्रश्न का उत्तर 60 शब्दों से अधिक नहीं होना चाहिए।
6. दीर्घ उत्तरीय प्रश्न (LA) प्रत्येक 5 अंक के हैं। प्रत्येक प्रश्न का उत्तर 120 शब्दों में अधिक नहीं होना चाहिए।
7. केस आधारित प्रश्न (CBQ) में तीन उप-प्रश्न हैं और ये प्रत्येक 4 अंक के हैं। प्रत्येक प्रश्न का उत्तर 100 शब्दों से अधिक नहीं होना चाहिए।
8. मानचित्र आधारित प्रश्न 5 अंक के हैं, जिसमें दो भाग होते हैं खंड क (इतिहास) में प्रश्न 9 (2 अंक) और खंड ब (भूगोल) में प्रश्न 17 (3 अंक)।
9. प्रश्न पत्र में समग्र विकल्प नहीं दिया गया है। हालांकि, कुछ प्रश्नों में आंतरिक विकल्प प्रदान किए गए हैं। ऐसे प्रश्नों में केवल एक विकल्प का ही उत्तर देना अनिवार्य है।

## General Instructions:

1. There are 38 questions in the Question paper. All questions are compulsory.
2. The question paper has Four Sections - A-History, B-Geography C- Political Science, and D-Economics.
3. Each Section is of 20 Marks and has MCQs, VSA, SA, LAs and CBQ.
4. Very Short Answer Type Questions (VSA), carry 2 marks each. Answers to each question should not exceed 40 words.
5. Short Answer Type Questions (SA), carry 3 marks each. Answers to each question should not exceed 60 words.
6. Long answer type questions (LA), carry 5 marks each. Answers to each question should not exceed 120 words.
7. There are case based questions (CBQ) with three sub questions and are of 4 marks each. Answers to each question should not exceed 100 words.
8. The map-based questions carry 5 marks with two parts-Q9. In Section A-History (2 marks) and Q17. In Section B-Geography (3 marks)
9. There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions must be attempted.

**SECTION: A**  
**HISTORY (20 Marks)**

1.

निम्नलिखित का मिलान करें और सही विकल्प चुनें:

| नेता                  | Role                                     |
|-----------------------|------------------------------------------|
| A. विक्टर इमैनुएल II  | I. इटली के मुख्यमंत्री                   |
| B. ग्यूसेप माज़िनी    | II. युवा इटली आंदोलन                     |
| C. ग्यूसेप गैरीबाल्डी | III. सिसिली साम्राज्य पर विजय प्राप्त की |
| D. काउंट कावौर        | IV. एकीकृत इटली का राजा घोषित किया गया   |

विकल्प:

(a) A-I, B-IV, C-III, D-II

(b) A-II,B-I, C-IV, D-III

(c) A-IV, B-II, C-III, D-I

(d) A-I, B-IV, C-II, D-III

Match the following and choose the correct option:

| Leader                | Role                                    |
|-----------------------|-----------------------------------------|
| A. Victor Emmanuel II | I. Chief Minister of Italy              |
| B. Giuseppe Mazzini   | II. Young Italy Movement                |
| C. Giuseppe Garibaldi | III. Conquered the Kingdom of Sicily    |
| D. Count Cavour       | IV. Proclaimed as King of Unified Italy |

Options:

(a) A-I, B-IV, C-III, D-II

(b) A-II,B-I, C-IV, D-III

(c) A-IV, B-II, C-III, D-I

(d) A-I, B-IV, C-II, D-III

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2.

नीचे दी गई छवि के बारे में सही कथन चुनें।



(A) यह चित्र कलाकार लोरेन्ज क्लासेन द्वारा चित्रित किया गया था।

(B) यह चित्र कलाकार जूलियस ह्यूबनर द्वारा चित्रित किया गया था।

(C) इस चित्र का शीर्षक "जर्मनिया गार्डिंग द राइन" था।

(D) फिलिप वीट, वह कलाकार थे जिन्होंने यह चित्र बनाया था।

Choose the correct statement about the image given bellow.

(A) This image was painted by artist Lorenz Clasen.

(B) This image was painted by artist Julius Hübner

(C) Germania guarding the Rhine was the title of this painting.

(D) Philip Veit, was the artist who have made this painting.

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| 3.       | <p>कथन (A): गांधीजी के 'सत्याग्रह' केविचार ने सत्य की शक्ति और सत्य की खोज की आवश्यकता पर जोर दिया।</p> <p>कारण (R): गांधीजी का मानना था कि एक सत्याग्रही उत्पीड़क की अंतरात्मा की आवाज़ पर अपील करके लड़ाई नहीं जीत सकता है।</p> <p>(A) (A) और (R) दोनों सत्य हैं और (R), (A) का सही स्पष्टीकरण है।</p> <p>(B) (A) और (R) दोनों सत्य हैं लेकिन (R), (A) का सही स्पष्टीकरण नहीं है।</p> <p>(C) (A) सत्य है लेकिन (R) असत्य है।</p> <p>(D) (A) असत्य है और (R) सत्य है।</p> <p><b>Assertion (A) :</b> Gandhiji's idea of satyagraha emphasised on the power of truth and the need to search for truth.</p> <p><b>Reason (R) :</b> Gandhiji believed that a satyagrahi could win the battle by appealing to the conscience of the oppressor.</p> <p>Select the correct option from the given alternatives.</p> <p>(A) Both A and R is true and R is the correct explanation of A</p> <p>(B) Both A and R is true and but R is not the correct explanation of A</p> <p>(C) A is true but R is false</p> <p>(D) A is false but R is true</p> | 1 |
| 4        | <p>भारत में पहली प्रिंटिंग प्रेस किसने शुरू की ?</p> <p>(A) ईस्ट इंडिया कंपनी (B) अरबी व्यापारी</p> <p>(C) पोर्तगाली (D) इन में से कोई नहीं</p> <p>Who among the following started the first printing press in India?</p> <p>(A) East India Company (B) Arab traders</p> <p>(C) Portuguese (D) None of these</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 |
| 5A<br>5B | <p>19 वीं सदी में यूरोपीय लोग अमेरिका क्यों भाग गए ? दो कारण बताइए।</p> <p><b>अथवा</b></p> <p>रेशम मार्ग ने दुनिया को कैसे जोड़ा ?</p> <p>Why did Europeans flee to America in the 19th Century? Give two reasons.</p> <p><b>OR</b></p> <p>How did silk route link the world?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 |
| 6A<br>6B | <p>कुछ लोग आसानी से उपलब्ध मुद्रित पुस्तकों के प्रभाव से क्यों डरते थे? यूरोप से एक और भारत से एक उदाहरण चुनिए।</p> <p><b>अथवा</b></p> <p>संक्षेप में बताइए कि मुद्रण संस्कृति ने भारत में राष्ट्रवाद के विकास में किस प्रकार सहायता की।</p> <p>(A) Why did some people fear the effect of easily available printed books? Choose one example from Europe and one from India.</p> <p><b>OR</b></p> <p>(B) Explain in brief how print culture assisted the growth of nationalism in India.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3 |

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| 7A<br>7B | <p>इटली और जर्मनी के एकीकरण की प्रक्रिया के बीच किन्हीं चार असमानताओं का वर्णन कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>ब्रिटेन में राष्ट्र-राज्य का गठन शेष यूरोप से किस प्रकार भिन्न था? चर्चा कीजिए।<br/>Describe any four dissimilarities between the process of unification of Italy and Germany.</p> <p style="text-align: center;"><b>OR</b></p> <p>How was the formation of nation-state in Britain different from that of rest of the Europe ? Discuss.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5 |
| 8        | <p><b>दिए गए पाठ को पढ़ें और निम्नलिखित प्रश्नों के उत्तर दें:</b></p> <p>सामूहिक जुड़ाव की भावना आंशिक रूप से एक जुट संघर्षों के अनुभव से आई। लेकिन कई सांस्कृतिक प्रक्रियाएँ भी थीं जिनके माध्यम से राष्ट्रवाद ने लोगों की कल्पना पर कब्ज़ा किया। इतिहास और कल्पना, लोक कथाएँ और गीत, लोकप्रिय प्रिंट और प्रतीक, सभी ने राष्ट्रवाद के निर्माण में भूमिका निभाई। राष्ट्र की पहचान अक्सर किसी आकृति या छवि के माध्यम से दर्शाई जाती है। इस से एक ऐसी छवि बनाने में मदद मिलती है जिससे लोग राष्ट्र की पहचान कर सकें। बीसवीं सदी में, राष्ट्रवाद के विकास के साथ, भारत की पहचान भारत माता की छवि के साथ दृष्टिगत रूप से जुड़ गई। इस छवि का निर्माण सबसे पहले बंकिम चंद्रचट्टोपाध्याय ने किया था। 1870 के दशक में उन्होंने मातृभूमि के लिए एक भजन के रूप में 'वंदेमातरम' लिखा। बाद में इसे उनके उपन्यास आनंद मठ में शामिल किया गया और बंगाल में स्वदेशी आंदोलन के दौरान इसे व्यापक रूप से गाया गया। स्वदेशी आंदोलन से प्रेरित होकर, अवनींद्रनाथ टैगोर ने भारतमाता की अपनी प्रसिद्ध छवि बनाई। इस चित्र में भारतमाता को एक तपस्वी के रूप में चित्रित किया गया है; वह शांत, संयमित, दिव्य और आध्यात्मिक हैं।</p> <p><b>निम्नलिखित प्रश्नों के उत्तर दीजिए। (1+1+2)</b></p> <p>8.1. बंगाल में स्वदेशी आंदोलन के दौरान मातृभूमि के लिए कौन सा भजन व्यापक रूप से गाया गया था?</p> <p>8.2. किसी आकृति या छवि में भारत की पहचान का प्रतीक क्या था?</p> <p>8.3. विभिन्न समुदायों, क्षेत्रों या भाषा के लोगों में सामूहिक जुड़ाव की भावना कैसे विकसित हुई?</p> <p><b>Read the given text and answer the following questions:</b><br/>The sense of collective belonging came partly through the experience of united struggles. But there were also a variety of cultural processes through which nationalism captured people's imagination. History and fiction, folklore and songs, popular prints and symbols, all played a part in the making of nationalism. The identity of the nation is most often symbolised in a figure or image. This helps create an image with which people can identify the nation. It was in the twentieth century, with the growth of nationalism, that the identity of India came to be visually associated with the image of Bharat Mata. The image was first created by Bankim Chandra Chattopadhyay. In the 1870s he wrote 'VandeMataram' as a hymn to the motherland. Later it was included in his novel Anand math and widely sung during the Swadeshi movement in Bengal. Moved by the Swadeshi movement, Abanindranath Tagore painted his famous image of Bharat Mata. In this painting Bharat Mata is portrayed as an ascetic figure; she is calm, composed, divine and spiritual.</p> | 4 |

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|   | <p>Answer the followings questions.</p> <p>8.1. Which hymn to the mother land was widely sung during Swadeshi movements in Bengal?</p> <p>8.2. How did the identity of India symbolise in a figure or image?</p> <p>8.3. How did people of different communities, regions or language develop a sense of collective belonging?</p>                                                                                                                                                                                                                                                                                                                                 |   |
| 9 | <p>(मानचित्र कौशल आधारित प्रश्न)</p> <p>दिए गए भारत के रेखामान चित्र पर दो स्थान A और B अंकित हैं। उन्हें पहचानिए और उनके पास खींची गई रेखाओं पर उनके सही नाम लिखिए।</p> <p>A. वह स्थान जहाँ सविनय अवज्ञा आंदोलन हुआ था।</p> <p>B. वर्ष 1927 में इसी स्थान पर भारतीय राष्ट्रीय कांग्रेस का अधिवेशन हुआ था।</p> <p>(Map Skill-Based Question)</p> <p>Two places A and B have been marked on the given outline map of India. Identify them and write their correct names on the lines drawn near them.</p> <p>A. The place where the civil disobedience movement took place.</p> <p>B. Indian National Congress Session was held at this place in the year 1927.</p> | 2 |

**SECTION: B**  
**GEOGRAPHY (20 Marks)**

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |
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| 10 | <p>नीचे दिए गए स्रोत को पढ़ें और उस के बाद दिए गए प्रश्नों के उत्तर दें:</p> <p>जून 1992 में, ब्राज़ील के रियो-डी-जेनेरियो में 100 से अधिक राष्ट्राध्यक्ष पहले अंतर्राष्ट्रीय पृथ्वी शिखर सम्मेलन के लिए एकत्र हुए। यह शिखर सम्मेलन वैश्विक स्तर पर पर्यावरण संरक्षण और सामाजिक-आर्थिक विकास की तात्कालिक समस्याओं के समाधान के लिए आयोजित किया गया था। एकत्रित नेताओं ने वैश्विक जल वायु परिवर्तन और जैविक विविधता पर घोषणा पत्र पर हस्ताक्षर किए। रियो सम्मेलन ने वैश्विक वनसिद्धांतों का समर्थन किया और 21वीं सदी में सतत विकास प्राप्त करने के लिए एजेंडा 21 को अपनाया। पर्यावरण को नुकसान पहुँचाए बिना और भावी पीढ़ियों की जरूरतों से समझौता किए बिना विकास प्राप्त करने के लिए प्रयुक्त शब्द है:</p> <p>(A) सामाजिक-आर्थिक विकास</p> <p>(B) एजेंडा 21</p> <p>(C) वैश्विक पर्यावरणीय विकास</p> <p>(D) सतत विकास</p> <p>Read the source given below and answer the questions that follows: In June 1992, more than 100 heads of states met in Rio-de-Janeiro in Brazil, for the first international Earth Summit. The summit was convened for addressing urgent problems of environmental protection and socio-economic development at the global level. The assembled leaders signed the Declaration on Global Climatic Change and Biological Diversity. The Rio Convention endorsed the global Forest Principles and adopted Agenda 21 for achieving Sustainable Development in the 21st</p> | 1 |
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|    | <p>century. The term used to achieve development without damaging the environment and without compromising with the needs of the future generations is:</p> <p>(A) Socio-economic development (B) Agenda 21<br/>(C) Global environmental development (D) Sustainable development</p>                                                                                                                                                                                                                                                                                                                                                                                                                             |   |
| 11 | <p>निम्नलिखित तालिका को सही जानकारी से पूरा करें। कौन से अधिनियम के तहत शेष लुप्तप्राय प्रजातियों और उनके आवास की रक्षा करना भारतीय संसद द्वारा पारित किया गया था।</p> <p>सही विकल्प चुनें:</p> <p>(A) वन्यजीव संरक्षण अधिनियम -1972<br/>(B) वन्यजीव सुरक्षा अधिनियम - 1952<br/>(C) वन्यजीव संरक्षण अधिनियम - 1962<br/>(D) वन्यजीव सुरक्षा अधिनियम- 1982</p> <p>Complete the following table with correct information which Act Aims To protect the remaining endangered species and their habitat. Passed by Indian Parliament<br/>Choose correct option :</p> <p>(A) Wildlife Protection Act - 1972 (B) Wildlife Security Act- 1952<br/>(C) Wildlife Protection Act - 1962 (D) Wildlife Security Act- 1982</p> | 1 |
| 12 | <p>निम्नलिखित में से किस संरक्षण रणनीति में सीधे तौर पर सामुदायिक भागीदारी शामिल नहीं है?</p> <p>(A) संयुक्त वन प्रबंधन (B) बीज बचाओ आंदोलन<br/>(C) चिपको आंदोलन (D) वन्यजीव अभयारण्यों का सीमांकन</p> <p>Which of the following conservation strategies do not directly involve community participation?</p> <p>(A) Joint forest management (B) Beej Bachao Andolan<br/>(C) Chipko Movement (D) Demarcation of Wildlife sanctuaries</p>                                                                                                                                                                                                                                                                         | 1 |
| 13 | <p>किस फसल को " सुनहरी रेशा " के रूप में जाना जाता है? इस फसल की खेती के लिए आवश्यक दो भौगोलिक स्थितियों की व्याख्या करें।</p> <p>Which crop is known as the "Golden fibre" Explain two geographical conditions essential for the cultivation of this crop.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2 |
| 14 | <p>(A) भारत में हरितक्रांति के लिए उत्तरदायी विभिन्न तकनीकी और संस्थागत सुधारों का वर्णन कीजिए।</p> <p><b>अथवा</b></p> <p>(B) भारत के तीन फसल मौसमों का वर्णन कीजिए।</p> <p>(A) Describe various technological and institutional reforms which led to the Green Revolution in India.</p> <p><b>OR</b></p> <p>(B) Describe the three cropping seasons of India.</p>                                                                                                                                                                                                                                                                                                                                               | 3 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 15 | <p>(A) हुगली नदी के किनारे जूट मिलों के संकेन्द्रण के लिए तरदायी मुख्य कारकों की व्याख्या कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) चीनी मिलें भारत के दक्षिणी और पश्चिमी राज्यों में क्यों स्थानांतरित और संकेन्द्रित हो रही हैं? कारण बताइए।</p> <p>(A) Explain the main factors which are responsible for the concentration of jute mills along the banks of Hugli River.</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) Why are sugar mills shifting and concentrating in southern and western State of India? Give reasons.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 |
| 16 | <p>दिए गए स्रोत को पढ़ें और निम्नलिखित प्रश्नों के उत्तर दें। <span style="float: right;">(1+1+2)</span></p> <p>मृदा आवरण का क्षरण और उसके बाद मिट्टी का नीचे बह जाना मृदा अपरदन कहलाता है। मृदा निर्माण और अपरदन की प्रक्रियाएँ साथ-साथ चलती हैं और आमतौर पर दोनों के बीच एक संतुलन बना रहता है। कभी-कभी, यह संतुलन मानवीय गतिविधियों जैसे वनों की कटाई, अति-चारण, निर्माण और खनन आदि के कारण बिगड़ जाता है, जब कि हवा, हिमनद और पानी जैसी प्राकृतिक शक्तियाँ मृदा अपरदन का कारण बनती हैं। बहता पानी चिकनी मिट्टी को चीरता हुआ गहरी नालियाँ बना देता है। यह भूमि खेती के लिए अनुपयुक्त हो जाती है और इसे बंजर भूमि कहा जाता है। चंबल बेसिन में ऐसी भूमि को खड़क हा जाता है। कभी-कभी पानी ढलान से नीचे बड़े क्षेत्रों में चादर के रूप में बहता है। ऐसे मामलों में ऊपरी मिट्टी बह जाती है। इसे चादर अपरदन कहा जाता है। हवा समतल या ढलान वाली भूमि से ढीली मिट्टी उड़ा ले जाती है जिसे पवन अपरदन कहा जाता है। खेती के दोषपूर्ण तरीकों के कारण भी मृदा अपरदन होता है। गलत तरीके से जुताई करने से, यानी ढलान पर ऊपर-नीचे जुताई करने से पानी के तेज बहाव के लिए नालियाँ बन जाती हैं जिस से मृदा अपरदन होता है। समोच्च रेखाओं के साथ जुताई करने से ढलान से नीचे पानी का प्रवाह धीमा हो सकता है। इसे समोच्च जुताई कहते हैं। आश्रय बनाने के लिए पेड़ों की कतारें लगाना भी इसी तरह काम करता है। ऐसे पेड़ों की कतारों को आश्रय पट्टियाँ कहते हैं। इन आश्रय पट्टियों ने रेत के टीलों को स्थिर करने और पश्चिमी भारत के रेगिस्तान को स्थिर करने में महत्वपूर्ण योगदान दिया है।</p> <p>16.1 मानवीय गति विधियों के कारण मृदा निर्माण और अपरदन का संतुलन बिगड़ जाता है। इस कथन की पुष्टि के लिए एक उदाहरण दीजिए।</p> <p>16.2 मृदा संरक्षण क्या है?</p> <p>16.3 अवनालिका अपरदन और परत अपरदन में अंतर बताइए।</p> <p><b>Read the given source and answer the questions that follow:</b></p> | 4 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|    | <p>The denudation of the soil cover and subsequent washing down is described as soil erosion. The processes of soil formation and erosion go on simultaneously and generally there is a balance between the two. Sometimes, this balance is disturbed due to human activities like deforestation, over-grazing, construction and mining etc., while natural forces like wind, glacier and water lead to soil erosion. The running water cuts through the clayey soils and makes deep channels as gullies. The land becomes unfit for cultivation and is known as bad land. In the Chambal basin such lands are called ravines. Sometimes water flows as a sheet over large areas down a slope. In such cases the top soil is washed away. This is known as sheet erosion. Wind blows loose soil off flat or sloping land known as wind erosion. Soil erosion is also caused due to defective methods of farming. Ploughing in a wrong way i.e. up and down the slope form channels for the quick flow of water leading to soil erosion. Ploughing along the contour lines can decelerate the flow of water down the slopes. This is called contour ploughing. Planting lines of trees to create shelter also works in a similar way. Rows of such trees are called shelter belts. These shelter belts have contributed significantly to the stabilisation of sand dunes and in stabilising the desert in western India.</p> <p>16.1. The balance of soil formation and erosion is disturbed due to human activities. Give one example to prove the statement.</p> <p>16.2. What is soil conservation.</p> <p>16.3 Differentiate between gully erosion and sheet erosion.</p> |   |
| 17 | <p>भारत के उसी रेखामान चित्र पर निम्नलिखित में से किन्हीं तीन को उपयुक्त प्रतीकों से चिह्नित कीजिए।</p> <p>i. नागार्जुन सागर बांध<br/>ii. पारादीप बंदरगाह<br/>iii. मुंबई सॉफ्टवेयर टेक्नोलॉजी पार्क<br/>iv. राजा-सांसी अंतर्राष्ट्रीय हवाईअड्डा<br/>v. बोकारो- लौह एवं इस्पात संयंत्र</p> <p>On the same outline map of India locate and label any three of the following with suitable symbols.</p> <p>i. Nagarjuna Sagar dam<br/>ii. Paradip port<br/>iii. Mumbai Software Technology Park<br/>iv. Raja-Sansi International Airport<br/>v. Bokaro – Iron and steel plant</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3 |
| 18 | <p style="text-align: center;"><b>SECTION: A</b><br/><b>POLITICAL SCIENCE (20 Marks)</b></p> <p>निम्नलिखित को सही क्रम में व्यवस्थित करें:</p> <p>(i) सिंहल को आधिकारिक भाषा के रूप में मान्यता देने के लिए एक अधिनियम पारित किया गया।<br/>(ii) श्रीलंका एक स्वतंत्र देश के रूप में उभरा।<br/>(iii) गृह युद्ध छिड़ गया।<br/>(iv) एक स्वतंत्र तमिल राज्य की मांग को लेकर कई राजनीतिक दल बनाए गए:</p> <p>(A) (i),(ii),(iv),(iii)      (B) (ii),(i),(iv),(iii)      (C) (ii),(i),(iii),(iv)      (D) (i),(ii),(iii),(iv)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|    | <p>Arrange the following in the correct sequence:</p> <p>(i) An act was passed to recognise Sinhala as the official language.<br/> (ii) Sri Lanka emerged as an independent country.<br/> (iii) A civil war broken out<br/> (iv) Several political parties were formed demanding an independent Tamil state:</p> <p>(A) (i),(ii),(iv),(iii)      (B) (ii),(i),(iv),(iii)      (C) (ii),(i),(iii),(iv)      (D) (i),(ii),(iii),(iv)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   |
| 19 | <p>अभिकथन (A) : बेल्जियम में सत्ता विभिन्न सामाजिक समूहों के बीच साझा की जाती है।<br/> कारण (R): बेल्जियम में सामुदायिक सरकार के पास सांस्कृतिक, शैक्षिक और भाषा संबंधी मुद्दों पर अधिकार है।</p> <p>(A) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है।<br/> (B) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है।<br/> (C) (A) असत्य है, लेकिन (R) सत्य है।<br/> (D) (A) सत्य है, लेकिन (R) असत्य है।</p> <p><b>Assertion (A) :</b> Power is shared among different social groups in Belgium.<br/> <b>Reason (R) :</b> Community Government in Belgium has the power regarding cultural, educational and language related issue.</p> <p>(A) Both A and R are true, but R is not the correct explanation of A.<br/> (B) Both A and R are true and R is the correct explanation of A.<br/> (C) A is false, but R is true.<br/> (D) A is true, but R is false.</p> | 1 |
| 20 | <p>_____ ने एकात्मक शासन प्रणाली से संघीय शासन प्रणाली में परिवर्तन किया।</p> <p>(A) श्रीलंका      (B) बेल्जियम<br/> (C) बेल्जियम और श्रीलंका दोनों      (D) उपरोक्त में से कोई नहीं</p> <p>_____ made the shift from a unitary to a federal system of government.</p> <p>(A) Sri Lanka      (B) Belgium<br/> (C) Both Belgium and Sri Lanka      (D) None of the above</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 |
| 21 | <p>निम्नलिखित में से कौन संघ सूची में शामिल हैं?</p> <p>(A) बैंकिंग      (B) विदेश मामले<br/> (C) देश की रक्षा      (D) उपरोक्त सभी</p> <p>Which of the following are included in the Union List?</p> <p>(A) Banking      (B) Foreign Affairs<br/> (C) Defence of the country      (D) All of the above</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 |

| 22                                         | <p>_____ का समान पारिश्रमिक अधिनियम यह प्रावधान करता है कि समान कार्य के लिए समान वेतन का भुगतान किया जाना चाहिए।</p> <p>(A) 1986 (B) 1976 (C) 1966 (D) 1972</p> <p>The Equal Remuneration Act of _____ provides that equal wages should be paid to equal work.</p> <p>(A) 1986 (B) 1976 (C) 1966 (D) 1972</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1      |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|--------------------|-----------------------------|-----------------------|---------------|--------------------------------------------|-----------------------------|-----------------------|----------------|--------|---------|-------------------|---------------------------------|---------------------------|----------------|---------------------------------------|--------------------------------|-----------------------|---------------|---|
| 23                                         | <p>निम्नलिखित का मिलान करें और सही विकल्प चुनें:</p> <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>1. कांग्रेस पार्टी</td><td>A. राष्ट्रिय जनता दल गठबंधन</td></tr><tr><td>2. भारतीय जनता पार्टी</td><td>B. राज्य पक्ष</td></tr><tr><td>3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी)</td><td>C. संयुक्त प्रगतिशील गठबंधन</td></tr><tr><td>4. तेलुगु देशम पार्टी</td><td>D. लेफ्ट फ्रंट</td></tr></tbody></table> <p>(A) 1-C, 2-A, 3-B, 4-D (B) 1-C, 2-D, 3-A, 4-B<br/>(C) 1-C, 2-A, 3-D, 4-B (D) 1-D, 2-C, 3-A, 4-B</p> <p>Match the following and choose the correct option:</p> <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>1. Congress Party</td><td>A. National Democratic Alliance</td></tr><tr><td>2. Bharatiya Janata Party</td><td>B. State Party</td></tr><tr><td>3. Communist Party of India (Marxist)</td><td>C. United Progressive Alliance</td></tr><tr><td>4. Telugu Desam Party</td><td>D. Left Front</td></tr></tbody></table> <p>(A) 1-C, 2-A, 3-B, 4-D (B) 1-C, 2-D, 3-A, 4-B<br/>(C) 1-C, 2-A, 3-D, 4-B (D) 1-D, 2-C, 3-A, 4-B</p> | List I | List II | 1. कांग्रेस पार्टी | A. राष्ट्रिय जनता दल गठबंधन | 2. भारतीय जनता पार्टी | B. राज्य पक्ष | 3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी) | C. संयुक्त प्रगतिशील गठबंधन | 4. तेलुगु देशम पार्टी | D. लेफ्ट फ्रंट | List I | List II | 1. Congress Party | A. National Democratic Alliance | 2. Bharatiya Janata Party | B. State Party | 3. Communist Party of India (Marxist) | C. United Progressive Alliance | 4. Telugu Desam Party | D. Left Front | 1 |
| List I                                     | List II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 1. कांग्रेस पार्टी                         | A. राष्ट्रिय जनता दल गठबंधन                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 2. भारतीय जनता पार्टी                      | B. राज्य पक्ष                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 3. भारत की कम्युनिस्ट पार्टी (मार्क्सवादी) | C. संयुक्त प्रगतिशील गठबंधन                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 4. तेलुगु देशम पार्टी                      | D. लेफ्ट फ्रंट                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| List I                                     | List II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 1. Congress Party                          | A. National Democratic Alliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 2. Bharatiya Janata Party                  | B. State Party                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 3. Communist Party of India (Marxist)      | C. United Progressive Alliance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 4. Telugu Desam Party                      | D. Left Front                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |
| 24                                         | <p>नीचे दो कथन दिए गए हैं। वे अभिकथन (A) और कारण (R) हैं। दोनों कथनों को पढ़ें और सही विकल्प चुनें।</p> <p><b>अभिकथन (A):</b> लोकतंत्र केवल बहुमत की राय से शासन नहीं है।</p> <p><b>कारण (R):</b> लोकतंत्र में, बहुमत को हमेशा अल्पमत के साथ मिलकर काम करना पड़ता है ताकि सरकारें आम राय का प्रतिनिधित्व करने के लिए कार्य कर सकें।</p> <p>विकल्प:</p> <p>(A) (A) सत्य है, लेकिन (R) असत्य है।<br/>(B) (A) असत्य है, लेकिन (R) सत्य है।<br/>(C) (A) और (R) दोनों सत्य हैं और (R), (A) की सही व्याख्या है।<br/>(D) (A) और (R) दोनों सत्य हैं, लेकिन (R), (A) की सही व्याख्या नहीं है।</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1      |         |                    |                             |                       |               |                                            |                             |                       |                |        |         |                   |                                 |                           |                |                                       |                                |                       |               |   |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|    | <p>Two statements are given below. They are Assertion (A) and Reason (R). Read both the statements and choose the correct option.</p> <p><b>Assertion (A):</b> Democracy is not simply a rule by majority of opinion.</p> <p><b>Reason (R):</b> In a democracy, majority always need to work with the minority so that governments can function to represent the general view..</p> <p>Options:</p> <p>(A) (A) is true, but (R) is false.</p> <p>(B) (A) is false, but (R) is true.</p> <p>(C) Both (A) and (R) are true and (R) is the correct explanation of (A)</p> <p>(D) Both (A) and (R) are true, but (R) is not the correct explanation of (A).</p>                      |   |
| 25 | <p>लोकतंत्रों के संदर्भ में, निम्नलिखित में से कौन सा विचार सही है कि लोकतंत्र ने सफलतापूर्वक समाप्त कर दिया है</p> <p>(A) लोगों के बीच संघर्ष</p> <p>(B) लोगों के बीच आर्थिक असमानताएँ</p> <p>(C) हाशिए के वर्गों के साथ कैसे व्यवहार किया जाना चाहिए इस बारे में सारे मतभेद मिटा दिये गये हैं।</p> <p>(D) राजनीतिक असमानता का विचार</p> <p>In the context of democracies, which of the following ideas is correct democracies have successfully eliminated</p> <p>(A) Conflicts among people</p> <p>(B) Economic inequalities among people</p> <p>(C) Differences of opinion about how marginalised sections are to be treated</p> <p>(D) The idea of political inequality</p> | 1 |
| 26 | <p>A) संघवाद को एक साथ लाने और उसे बनाए रखने के बीच कोई दो प्रमुख अंतर बताइए।</p> <p><b>अथवा</b></p> <p>(B) संघवाद की कोई दो महत्वपूर्ण विशेषताएँ बताइए।</p> <p>(A) State any two major distinctions between coming together and holding together federations.</p> <p><b>OR</b></p> <p>(B) State any two important features of Federalism</p>                                                                                                                                                                                                                                                                                                                                    | 2 |
| 27 | <p>तानाशाही या किसी अन्य विकल्प की तुलना में लोकतंत्र सरकार का बेहतर रूप है?</p> <p>Democracy is better form of government when compared with dictatorship or any other alternative ?</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 28 | <p>भारत को एक धर्मनिरपेक्ष राज्य बनाने वाले किसी भी तीन संवैधानिक प्रावधानों का उल्लेख कीजिए?<br/>Mention any three constitutional provisions that make India a secular state?</p>                                                                                                                                                                                                                                                                                                                                                                                                            | 3 |
| 29 | <p>(A) “वंशवादी उत्तराधिकार राजनीतिक दलों के सामने सबसे गंभीर चुनौतियों में से एक है।”<br/>इस कथन का परीक्षण कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>राजनीतिक पार्टियों ने लोकतंत्र के प्रभावी संचालन में महत्वपूर्ण भूमिका निभाई। समझाइए।</p> <p>“Dynastic succession is one of the most serious challenges before the political parties.”<br/>Examine the statement.</p> <p style="text-align: center;"><b>OR</b></p> <p>Political parties played a significant role in the effective working of democracy? Explain.</p>                                               | 5 |
| 30 | <p style="text-align: center;"><b>SECTION: D</b><br/><b>ECONOMICS (20 Marks)</b></p> <p><b>निम्नलिखित देशों में से किसका मानव विकास सूचकांक स्कोर उच्च है?</b><br/>(A) पाकिस्तान                      (B) म्यांमार                      (C) भारत                      (D) नेपाल<br/>Which one of the following countries has a high Human Development Index score?<br/>Pakistan                      (B) Myanmar                      (C) India                      (D) Nepal</p>                                                                                                            | 1 |
| 31 | <p>दिए गए चित्र का अध्ययन करें<br/>Study the given picture.</p>  <p>चित्र में किया गया कार्य अर्थव्यवस्था के निम्नलिखित में से किस क्षेत्र के अंतर्गत आता है?<br/>(A) प्राथमिक                      (B) द्वितीयक                      (C) सार्वजनिक                      (D) निजी<br/>The work done in the picture comes under which one of the following sectors of the economy?<br/>(A) Primary                      (B) Secondary                      (C) Public                      (D) Private</p> | 1 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |
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| 32 | <p>राहुल के पास अतिरिक्त धन है, इसलिए वह एक बैंक खाता खोलता है और उसमें जमा करता है।</p> <p>जब भी उसे धन की आवश्यकता होती है, वह अपने बैंक जाकर वहाँ से धन निकाल सकता है। बैंकों में इस प्रकार की जमा राशि को _____ कहते हैं।</p> <p>(A) अतिरिक्त जमा      (B) सावधि जमा      (C) माँग जमा      (D) सावधि जमा</p> <p>Rahul has surplus money, so he opens a bank account and deposits in it. Whenever he needs money, he can go to his bank and withdraw from there. This kind of deposit with the banks is known as _____.</p> <p>(A) Surplus Deposit      (B) Term Deposit      (C) Demand Deposit.      (D) Fixed Deposit</p>                                                              | 1 |
| 33 | <p>वैश्वीकरण के लिए अंतर्राष्ट्रीय व्यापार समझौते क्यों महत्वपूर्ण हैं?</p> <p>(A) ये व्यापार बाधाओं को बढ़ाते हैं</p> <p>(B) ये सीमा-पार व्यापार नियमों को सरल बनाते हैं</p> <p>(C) ये देशों के बीच वस्तुओं के प्रवाह को सीमित करते हैं</p> <p>(D) ये विदेशी निवेश को हतोत्साहित करते हैं</p> <p>Why are international trade agreements important for globalization?</p> <p>(A) They increase trade barriers</p> <p>(B) They simplify cross-border trade regulations</p> <p>(C) They limit the flow of goods between countries</p> <p>(D) They discourage foreign investments</p>                                                                                                            | 1 |
| 34 | <p>वैश्वीकरण में बहुराष्ट्रीय निगमों (एमएनसी) की क्या भूमिका है?</p> <p>(A) वे सीमाओं के पार वस्तुओं और सेवाओं के प्रवाह को प्रतिबंधित करते हैं</p> <p>(B) वे सांस्कृतिक अलगाव को बढ़ावा देते हैं</p> <p>(C) वे विभिन्न देशों में निवेश करते हैं और वैश्विक आपूर्ति श्रृंखलाएँ बनाते हैं</p> <p>(D) वे स्थानीय बाजारों में प्रतिस्पर्धा को कम करते हैं।</p> <p>What role do multinational corporations (MNCs) play in globalization?</p> <p>(A) They restrict the flow of goods and services across borders</p> <p>(B) They promote cultural isolation</p> <p>(C) They invest in different countries and create global supply chains</p> <p>(D) They reduce competition in local markets.</p> | 1 |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |   |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 35 | <p>(A) आर्थिक गतिविधियाँ, यद्यपि तीन अलग-अलग श्रेणियों में वर्गीकृत हैं, अत्यधिक परस्पर निर्भर हैं। चर्चा कीजिए। क्या आप इस विचार से सहमत हैं कि प्राथमिक, द्वितीयक और तृतीयक क्षेत्र एक-दूसरे पर निर्भर हैं?</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) "तृतीयक क्षेत्र की गतिविधियाँ प्राथमिक और द्वितीयक क्षेत्रों के विकास में सहायक होती हैं।" इस कथन का मूल्यांकन कीजिए।</p> <p>(A) Economic activities, though grouped into three different categories, are highly interdependent." Discuss. Do you agree with the view that primary, secondary and tertiary sectors are dependent on each other?</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) "Tertiary sector activities help in the development of the primary and secondary sectors." Evaluate the statement.</p> | 3 |
| 36 | <p>स्वयं सहायता समूहों के गठन के पीछे क्या उद्देश्य है? इस समूह की कार्य प्रणाली का भी संक्षेप में वर्णन कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>गरीब किसानों और श्रमिकों के लिए ऋण को लाभकारी बनाने हेतु कोई पाँच उपाय बताइए।</p> <p>What is the motive behind formation of Self Help Groups? Also briefly explain the functioning of this group.</p> <p style="text-align: center;"><b>OR</b></p> <p>State any five measures from which Loan can be made beneficial for poor farmers and workers.</p>                                                                                                                                                                                                                                                                           | 3 |
| 37 | <p>(A) बैंकों और सहकारी समितियों के लिए ग्रामीण क्षेत्रों में अपनी ऋण सुविधाएँ बढ़ाना क्यों आवश्यक है? व्याख्या कीजिए।</p> <p style="text-align: center;"><b>अथवा</b></p> <p>(B) हमें भारत में ऋण के औपचारिक स्रोतों का विस्तार करने की आवश्यकता क्यों है?</p> <p>(A) Why is it necessary for the banks and cooperative societies to increase their lending facilities in rural areas? Explain.</p> <p style="text-align: center;"><b>OR</b></p> <p>(B) Why do we need to expand formal sources of credit in India?</p>                                                                                                                                                                                                                                                                                | 5 |

(A) निम्नलिखित तालिका में दिए गए आँकड़ों को पढ़ें और दिए गए प्रश्न का उत्तर दें:

( 1+1+2)

| नागरिकों की मासिक आय | देश- A | देश- B | देश -C |
|----------------------|--------|--------|--------|
| समूह I               | 9000   | 5000   | 2000   |
| समूह II              | 10000  | 4000   | 1600   |
| समूह III             | 8000   | 6800   | 3500   |
| समूह IV              | 1100   | 5050   | 3000   |
| समूह V               | 12500  | 29650  | 10000  |
| औसत आय               | ?      | ?      | ?      |

38.1 देश A, B और C की औसत आय की गणना करें।

38.2 किस देश में आय का वितरण अधिक न्यायसंगत है?

(A) देश C. (B) देश A (C) देश B (D) 'देश A' और 'देश B' दोनों

38.3 आप किन देशों में आर्थिक असमानताएँ पाते हैं? इस समस्या के समाधान के लिए एक व्यवहार्य समाधान सुझाएँ।

#### अथवा

(B) विकास के लिए सार्वजनिक सुविधाओं के महत्व की परीक्षा करें।

Read the data given in the following table and answer the given questions.( 1+1+2)

| Monthly income of citizens | Country -A | Country -B | Country- C |
|----------------------------|------------|------------|------------|
| Group I                    | 9000       | 5000       | 2000       |
| Group II                   | 10000      | 4000       | 1600       |
| Group III                  | 8000       | 6800       | 3500       |
| Group IV                   | 1100       | 5050       | 3000       |
| Group V                    | 12500      | 29650      | 10000      |
| Average income             | ?          | ?          | ?          |

38.1 Calculate the average income of country A,B AND C

38.2 Which country has more equitable distribution of income?

(A) Country C (B) Country A (C) Country B (D) Both 'Country A' and 'Country B'

38.3 In which countries do you find economic disparities? Suggest a viable solution to overcome this problem.

#### OR

(B) Examine the importance of public facilities for the development.

