

# PM SHRI KENDRIYA VIDYALAYA MISSAMARI SUMMER VACATION HOMEWORK 2025-26 CLASS - VI A



## **ENGLISH**

- **Q1**. Write the words meanings of the following words and make one sentence with each word-
- 1.Muttered
- 2.Precious
- **Q.2** Make a small scrapbook, write about your family, your hobbies, and your aim in life, you can also add pictures and make drawings for illustrating the scrapbook.

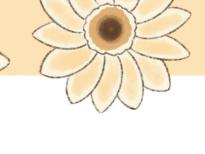
# **SOCIAL SCIENCE**

**Q1** Draw a World map and the map of India, labeling important geographical features like continents, oceans, countries and important cities.

Q2 Create a 3D model of a landscape like Mountains, plateau and plains.











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**Q1** Draw a World map and the map of India, labeling important geographical features like continents, oceans, countries and important cities.

Q2 Create a 3D model of a landscape like Mountains, plateau and plains.







- **1**. Choose 5 difficult words from your text book and write sentences using those 5 words in cloud bubbles.
- 2. Write a paragraph about a family member you admire and why.
- 3. Go on a short walk near your home and write 4 sentences ,story or poem about what you saw.

## **SOCIAL SCIENCE**

Task 1: I) Make a flow chart on fundamental Rights

Instructions:

- a)Draw a flowchart on Fundamental rights with your creativity.
- b)Add pictures for each rights(draw or Paste)
- b)Write the Article of each rights.
- d)Use colour and best design

Task 2: Project on Environmental Pollution

Instructions:

- I). Make Project Report on Pollution through your creativity.
- II). Write on any kind of Pollution (Water, Air, Soil, Noise)
- III) Add drawing, photos or recycled things to decorate.

**Task 3:**Draw a map of India and locate the states, Union Territories and their Capitals. Keep it neat and creative.

## **SCIENCE**

- 1. Make display board item to be displayed on the Eco-club board.
- 2. Plant the seed/s at your home and take care of them. Take photos of each step and make a collage. (at least 5 photos)
- 3. Construct compost pit and make compost for your plants from the kitchen waste. Take photos and use them in your MDP.
- 4. MDP... science.....ROLE OF MICROORGANISMS IN COMPOST FORMATION.
- 5. DIY bird feeder/ water pot from unused/waste article.

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https://youtube.com/shorts/8WIvLIcyxPO?si=V2PJXDcqRX5I nPls

- 6. EXPLORATORY PROJECT: PERFORM ATHE ACTIVITY PAGE NO. 152 NCERT AND RECORD IT IN NOTE BOOK WITH PICTURE COLLAGE.
- 7. Perform activity 3.11 and complete the table 3.3. Submit the set up to school after vacation.







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## **SCIENCE**

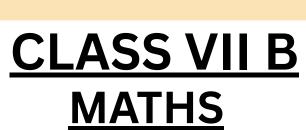
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- (1) Write the following numbers in words according to the Indian system of numeration: (a) 7,345,802 (b) 92,07,563 (c) 58,69,43,210 (2) Write the following numbers:
- (2) Write the following numbers in figures: (a) Eighty-seven lakh forty-nine thousand three hundred six
- (b) Six crore twenty-five lakh eight thousand seventy (c) Four hundred thirty-two million one hundred fifty-six thousand nine hundred eightyseven (Hint: This uses the International system)
- (3) Write the place value of the digit 7 in each of the following numbers: (a) 3,729,105 (b) 85,07,632 (c) 17,48,923
- (4) Write the face value of the digit 5 in each of the following numbers: (a) 9,852,170 (b) 2,03,456 (c) 5,789,123
- (5) Expand the following numbers according to their place values: (a) 6,05,382 (b) 47,29,015 (c) 8,10,67,493

## **Comparing Large Numbers:**

- (6) Put the appropriate symbol (>, <, or =) in the box: (a) 5,876,923 5,867,923 (b) 1,23,45,678 98,76,543 (c) 70,08,005 70,08,050
- (7) Arrange the following numbers in ascending order: 23,45,678; 2,34,567; 23,54,678; 2,35,467
- (8) Arrange the following numbers in descending order: 9,876,543; 98,765,432; 98,76,543; 9,87,654

## **Operations with Large Numbers:**

- (9) The population of a city was 12,45,876 in the year 2020. In the year 2021, it increased by 87,953. What was the population of the city in 2021?
- (10) A school collected ₹ 7,85,690 as fees from its students. If the expenses of the school were ₹ 4,98,725, how much money was saved by the school?
- (11) A library has 5,67,892 books. If 1,23,456 new books are added to the library, how many books will the library have in total?
- (12) What is the difference between the largest 6-digit number and the smallest 7-digit number?
- (13) Estimate the sum of 4,876,952 and 3,123,048 by rounding off each number to the nearest lakh.
- (14) A factory produced 2,56,789 toys in January and 3,12,456 toys in February. How many toys did it produce in total during these two months?

#### **Word Problems Involving Large Numbers:**

- (15) A sugar factory produced 8,35,420 kilograms of sugar in the year 2023 and 9,12,785 kilograms of sugar in the year 2024. What is the total production of sugar in these two years?
- (16) The cost of a house is ₹ 35,67,890 and the cost of a car is ₹ 8,76,545. What is the total cost of the house and the car? By how much is the cost of the house more than the cost of the car?
- (17) A newspaper has a daily circulation of 1,87,654 copies. How many copies are printed in a week?

## **Estimation and Rounding:**

- (18) Round off the number 12,456 to the nearest thousand.
- (19) Estimate the sum of 4,872 and 3,109 by rounding each number to the nearest thousand.
- (20) Round off the number 7,863 to the nearest hundred. Forming Largest and Smallest Numbers:
- (21) Form the largest possible 6-digit number using the digits 3, 9, 0, 1, 5, and 8 (without repeating any digit).
- (22) Form the smallest possible 5-digit number using the digits 7, 2, 6, 4, and 1 (without repeating any digit).

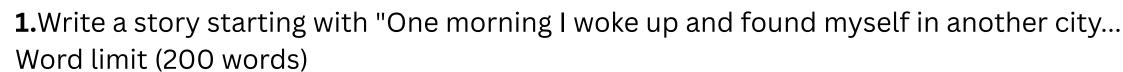
## **ACTIVITY:-**

- 1. Make 3D model related to any topic of mathematics.
- 2. Measure the height of your family members (in cm) and draw a bar graph for the same on chart paper.
- 3. Make sketch/model of your Dream house/ car.



# **CLASS VIII A**

## **ENGLISH**



2. Find atleast 15 pairs of homonyms and write their meanings.

Form one sentence for each.

## **SOCIAL SCIENCE**

**Topic: Connecting Past with Present** 

## Part A: Research and Exploration

1. Project Work:

Research the cultural heritage of your city/town.

- Visit a historical site (if possible) or research online.
- Write a short report on its history, importance, and present-day condition (2 pages).

#### **Part B: Creative Work**

- 3. Mapping Activity:
- Draw an outline map of India and mark:
- British provinces DURING COLONIAL RULE
- -Dance forms practiced in different states
- -Cuisines of diff. states

#### **Poster Design:**

Create a poster on "Unity in Diversity" AND constitution of in India.

- Highlight how different cultures, languages, and religions coexist harmoniously.

## Part D: Fun and Practical Learning

7. Interview Task:

- Talk to elders (family or neighbors) about the challenges faced during India's independence struggle.
- Write their insights in 200–250 words.

#### **Quiz Questions:**

Prepare at least 50 quiz questions on topics like fundamental rights, national symbols, or famous Indian freedom fighters, Major rivers and island of India, physiography and dance forms of india, and other general knowledge questions. also add some questions related to movies which correlate with major events of India.

## **SCIENCE**

- 1. Create a poster or a file on water cycle, detailing its all process.
- 2. What are millets? What are different types of millets cultivated in India? Draw and paste some of the millets
- 3. By understanding Sound and Noise pollution, make a file of each questions (i) What is noise pollution? (ii) Explain causes of noise pollution (iii) What are harmful effects of noise pollution on humans and animals? (iv) How do you controll noise pollution?

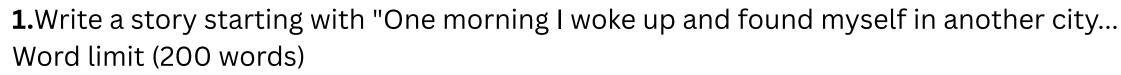






# CLASS VIII B

## **ENGLISH**



**2**. Find atleast 15 pairs of homonyms and write their meanings. Form one sentence for each.

## **SOCIAL SCIENCE**

1. Make a photographic chart of monuments of India with their respective locations. (At least 30 monuments)

## **SCIENCE**

- 1. Create a poster or a file on water cycle, detailing its all process.
- 2. What are millets? What are different types of millets cultivated in India? Draw and paste some of the millets
- 3. By understanding Sound and Noise pollution, make a file of each questions (i) What is noise pollution? (ii) Explain causes of noise pollution (iii) What are harmful effects of noise pollution on humans and animals? (iv) How do you controll noise pollution?





# CLASS XI ENGLISH

#### Dear Me - 15 Years From Now

## Objective:

To develop expressive writing, imaginative thinking, and self-awareness through a reflective, creative letter in English. Task: Write a heartfelt and creative letter to yourself at age ~29 or 30, imagining your life 15 years from now. This letter will be your "English Time Capsule" – full of thoughts, dreams, and predictions that only you will read. Your Letter Should Include:

- 1. Greeting from the Past: Open warmly and describe who you are right now—your personality, what you love, what scares you, your best memory this year, your school life, and your friendships.
- 2. Dreams & Goals: Talk about what you hope your future self has achieved. (E.g., "I hope you finally became a marine biologist like you dreamed of. If not—what happened?")
- 3. A Day in My Future Life: Write a fictional account of one full day in your future life. Where do you wake up? What do you do? What do you eat? Who are you with?
- 4. World of the Future: Predict some funny or serious changes in the world—technology, environment, fashion, food, education, or even how English might evolve.
- 5. English Then & Now: Mention your current relationship with English—do you enjoy reading, writing, speaking? Imagine how you might be using English 15 years later—at work, in travel, or with your kids.
- 6. Advice to Yourself: Give some honest advice to your future self. Remind yourself to stay kind, chase joy, or laugh more—whatever matters to you today.
- 7. What Ifs: Include at least 3 "What if" questions to make your letter deep or whimsical. (E.g., "What if we live on Mars?", "What if you forgot how to daydream?")
- 8. Sign-Off: End the letter with love, a funny message, or even a future gift suggestion.

**Creative Touches:** Decorate your letter like an old scroll or future-tech digital screen. Add a photo, drawing, or collage of current you. Seal it in an envelope marked "Do not open until 2040.

## **SOCIAL SCIENCE**

- 1. Map work (Label and locate states and union territories with their capitals on India Map and paste in your notebook)
- 2. Do Map practice of History and Geography.
- 3. Make and write questions and answers of one mark (one word, one sentence and mcq) of all the completed chapters, at least 15 from each chapter.
- 4. Prepare a project in a project file on the topic "Disaster Management". (15-20 A4 size papers)
- 5. Learn and revise all the completed chapters.
- 6. Portfolio (Classwork, Work done (activities/ assignments) reflections, narrations, journals, etc. Achievements of the student in the subject throughout the year Participation of the student in different activities like heritage India quiz)

# हिंदी

- 1. किसान के जीवन पर 100 शब्दों में अनुच्छेद लिखें।
- 2. अपनी किसी एक यात्रा का संक्षिप्त सचित्र वर्णन करें।
- 3. अपने बड़े भाई की शादी में शामिल होने के लिए तीन दिन के अवकाश हेतु प्राचार्य को पत्र लिखें।
- 4. 'परिश्रम का महत्व' विषय पर आधारित लघुकथा लिखें।
- 5. अपना पाठ्य पुस्तक से उपसर्ग एवं प्रत्यय वाले 20-20 शब्द खोजकर लिखिए |
- 6. पढ़ाए गए सभी पाठों को याद करें।
- 7.कबीर की साखियां कंठस्थ (याद) करें।
- नोट--ऊपर लिखित कार्य (Fair notebook) में कीजिए। परियोजना कार्य (A4 पेपर/प्रोजेक्ट फ़ाइल पर करें-
- 1. दो बैलों की कथा कहानी को संवाद लेखन में लिखिए।
- 2. मुंशी प्रेमचंद के व्यक्तित्व एवं कृतित्व परियोजना कार्य।







## 1. PORTFOLIO

**SCIENCE** 

- Prepare a project file of biology (8-9 pages), topic 'The fundamental unit of life'.
- Compare in Tabular form the properties of solids, liquids and gases with respect to
- 1. shape 2. volume 3. compressibility 4. Diffusion 5. Fluidity or rigidity.

#### MULTIPLE ASSESSMENT

• Draw structure of plant and animal cell and write functions of each of the cell organelles. \* \* \* Perform activity showing plasma membrane acts as permeable membrane, and works on osmosis phenomenon (with reference of Activity 5.3 and 5.4 NCERT).

DO THIS WORK IN A STICK FILE.

MATHS POI	RTFOLIO
NAME:	
CLASS/SEC:	My Dreams (GOALS) (5 LINES)
WELCOME TO MY POTFOLIO	
I Am	
My Admission No:	MY STRENGTHS (5 LINES)
My date Of Birth	<u>INT STRENGTHS</u> (3 LINES)
My Blood Group	
My Email ID (provided by KVS)	
My Contact Number	
My Father and his contact number	MY WEAKNESSES (5 LINES)
My Mother and her contact	
number	
Mv Address	
3 RECORD OF TESTS	4
SUBJECT PT-1 TERM 1 MY PARENT'S TEACHER'S	My Accomplishments/Achievements: (If any)
SUBJECT PT-1 TERM 1 MY SIGNATURE SIGNATURE SIGNATURE	
ENGLISH	Development in my strengths:
HINDI	
<u>MATHS</u>	I need to work on:
SCIENCE SCIENCE	
SOCIAL	Signature of the Student:



## **ENGLISH**

## **English Reading Log Challenge**

## **Objective:**

To develop reading habits, improve vocabulary, and enhance comprehension and analytical thinking by exploring literary works beyond the textbook. Instructions:

- 1. Choose Two Literary Pieces: Select any two short stories or poems written in English. These must be outside your CBSE syllabus. You may choose from storybooks, magazines, online literary platforms, or poetry anthologies. (Examples: stories by Ruskin Bond, O. Henry, R.K. Narayan; poems by Robert Frost, Emily Dickinson, Maya Angelou, etc.)
- 2. Maintain a Reading Log for each piece in the following format. Reading Log Entry Format (for each piece): Title: Author: Genre: (Short Story / Poem) Date Read: 1. Summary (100–120 words): Write a brief summary of the story or poem in your own words. Highlight the main idea, plot (if any), and message. 2. New Words Learned (at least 3): | Word | Meaning | Sentence of Your Own
- 3. Quote You Liked: Write one powerful or memorable line from the piece. Explain briefly (in 2–3 lines) why you chose it.
- 4. Personal Reaction (80–100 words): Share your personal thoughts: Did you enjoy it? Why or why not? Did you relate to it? What did it make you feel or think about?
- 5. Creative Touch (Optional but encouraged): Add a small sketch, doodle, or collage inspired by the story/poem.

## **Submission Guidelines:**

Present your reading log neatly on ruled sheets or in a decorated notebook. Handwritten work only. **Note:** This task will be assessed based on originality, language, effort, presentation, and depth of reflection.

## **SOCIAL SCIENCE**

- 1. Project Work on Consumer Rights OR Social Issues OR Sustainable Development (Interdisciplinary) (Do this in a project file,15-20 pages on A4 sheets , hand written and well decorated )
- 2. Make and write questions and answers of one mark (one word, one sentence and mcq) of all the completed chapters. (at least 15 from each chapter)
- 3. Learn and revise all the completed chapters.
- 4. Do map practice of History and Geography as per CBSE Syllabus.
- 5. Portfolio (Classwork, Work done (activities/ assignments) reflections, narrations, journals, etc. Achievements of the student in the subject throughout the year Participation of the student in different activities like heritage India quiz)

# हिंदी

- 1-सुभाष चिंद्र बोस व्यक्ततत्रिं कृततत् (पररयोजना कायय फाइल में)
- 2- नेताजी का चश्मा कहानी से ममलने ाली सीख को अपनाते हुए क्रियाकलाप करें और चचत्र चचपककर कोलाज बनाएिं।
- 3-अपनी पाठ्य पुस्तक की कोई भी कविता किंठस्थ करेंगे और कक्षा में जाकर सुनाएिंगे।
- 4-जीन में माता-वपता की भूममका बताते हुए अपने माता-वपता के सिंबिंध में एक-एक अनुच्छेद सचचत्र मलखें। (पररयोजना फाइल में)
- 5-प्रततहदन समाचार पत्र को विस्तार से पढेंगे।
- 6-पिांच प्रमुख महहला कहानी कारों के नाम (सचचत्र) और उनकी प्रमसद्ध कहातनयों के नाम भी मलखखए।(पररयोजना फाइल में)
- 7-पोर्यफोमलयो बनाएि।
- 8- अब तक पढाए गए सभी पाठ कों को याद कर मलखने का अभ्यास करें।





- 1. Draw neat and label diagram of Digestive System and Respiratory System in humans.
- 2. Write about types of chemical reactions and all chemical equations given in chapter 1.
- 3. Write about "Photosynthesis" and all the relevant points related to photosynthesis given in your chapter" Life Processes".

## **MATHS**

- 1. Two tankers contain 850 litres and 680 litres of petrol respectively. Find the maximum capacity of a container which can measure the petrol of either tanker in exact number of times. [CBSE 2016]
- 2. Find the value of:  $(-1) + (-1)^{2n} + (-1)^{2n+1} + (-1)^{4n+1}$ , where n is any positive odd integer. [CBSE 2016]
- 3. Are the square-roots of all non-negative integers irrational? Give an example. [CBSE 2010]
- 4. Find a rational number between  $\sqrt{2}$  and  $\sqrt{3}$ .

[CBSE 2019

- 5. Explain whether the number 3 x 5 x 13 x 46 + 23 is a prime number or a composite number. [CBSE 2016]
- 6. Three bells toll at intervals of 12 minutes, 15 minutes and 18 minutes respectively. If they start tolling together, after what time will they next toll together? [CBSE 2015]
- 7. Show that 9<sup>n</sup> can not end with digit 0 for any natural number n. [CBSE 2014]
- 8. Find HCF of 378,180 and 420 by prime factorisation method. Is HCF x LCM of three numbers equal to the product of the three numbers? [CBSE 2016]
- 9. An army contingent of 1000 members is to march behind an army band of 56 members in a parade. The two groups are to march in the same number of columns. What is the maximum number of columns in which they can march? [CBSE 2011]
- 10. The LCM of two numbers is 14 times their HCF. The sum of LCM and HCF is 600. If one number is 280, then find the other number. [CBSE 2012]
- 11. The HCF of 45 and 105 is 15. Write their LCM.

[CBSE 2010]

12. Find the [HCF X LCM] for the numbers 100 and 190.

[CBSE 2009]

- 13. The HCF and LCM of two numbers are 9 and 360 respectively. If one number is 45, write the other number. [CBSE 2008]
- 14. Find the sum of exponents of prime factors in the prime factorisation of 196. [CBSE 2020]
- 15.HCF of two numbers is 27 and their LCM is 162. If one of the numbers is 54, then find the other number, [CBSE 2020]
- 16. What is the HCF of smallest primer number and the smallest composite number? [CBSE 2018]
- 17.If HCF(336, 54) = 6, find LCM(336, 54).

[CBSE 2019]

18. Explain why 13233343563715 is a composite number?

[CBSE 2019]

- 19.a and b are two positive integers such that the least prime factor of a is 3 and the least prime factor of b is 5. Then calculate the least prime factor of (a + b). [CBSE 2014]
- 20. Calculate the HCF of  $3^3 \times 5$  and  $3^2 \times 5^2$ .

[CBSE 2007]

21.If HCF (a,b) = 12 and  $a \times b = 1,800$ , then find LCM (a,b).

[CBSE 2019]

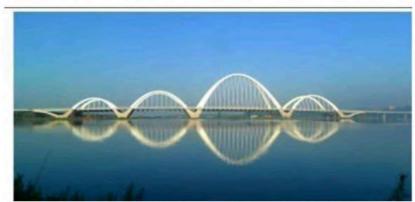
22. Find the least number that is divisible by all numbers between 1 and 10 (both inclusive).

[CBSE 2010]

## **CASE STUDIES BASED QUESTIONS**

#### **CASE STUDY 1**

The below picture are few natural examples of parabolic shape which is represented by a quadratic polynomial. A parabolic arch is an arch in the shape of a parabola. In structures, their





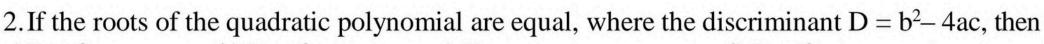
curve represents an efficient method of load, and so can be found in bridges and in architecture in a variety of forms.

- 1. In the standard form of quadratic polynomial,  $ax^2 + bx + c$ , a, b and c are
  - a) All are real numbers.

b) All are rational numbers.

c) 'a' is a non-zero real number and b and c are any real numbers. d) All are integers.

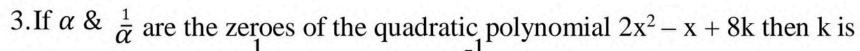






b) 
$$D < 0$$

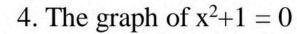
$$d) D = 0$$



a)4

$$b)\frac{1}{4}$$

c)
$$\frac{-1}{4}$$



a) Intersects x-axis at two distinct points. b) Touches x-axis at a point.

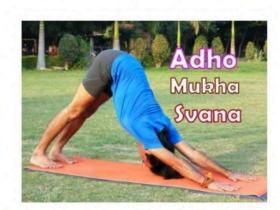
c) Neither touches nor intersects x-axis.

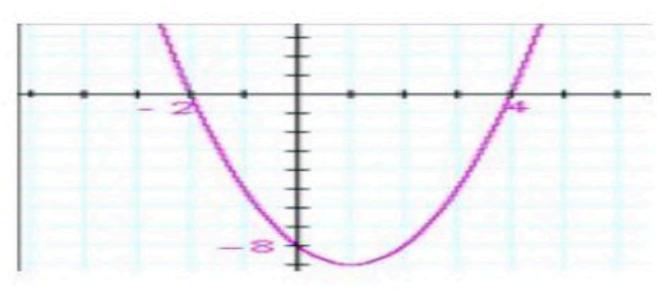
d) Either touches or intersects x- axis.

#### **CASE STUDY 2**

An asana is a body posture, originally and still a general term for a sitting meditation pose, and later extended in hatha yoga and modern yoga as exercise, to any type of pose or position, adding reclining, standing, inverted, twisting, and balancing poses. In the figure, one can observe that poses can be related to representation of quadratic polynomial.



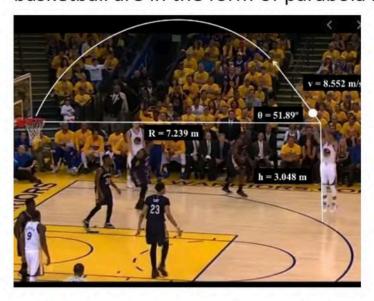




- 1. How many zeroes are given in graph, write its value also.
- 2. Write quadratic polynomial of above graph.
- 3. If  $\alpha$  ,  $\beta$  are the zeroes of polynomial ,then find (a)  $\alpha$  +  $\beta$  (b)  $\alpha$  . $\beta$  (c)  $\alpha^2$  +  $\beta^2$

#### **CASE STUDY 3**

Basketball and soccer are played with a spherical ball. Even though an athlete dribbles the ball in both sports, a basketball player uses his hands and a soccer player uses his feet. Usually, soccer is played outdoors on a large field and basketball is played indoor on a court made out of wood. The projectile (path traced) of soccer ball and basketball are in the form of parabola representing quadratic polynomial.





1. The shape of the path traced shown is

a) Spiral

b) Ellipse

c) Linear

d) Parabola

2. The graph of parabola opens upwards, if \_\_\_\_\_

a) a = 0

b) a < 0

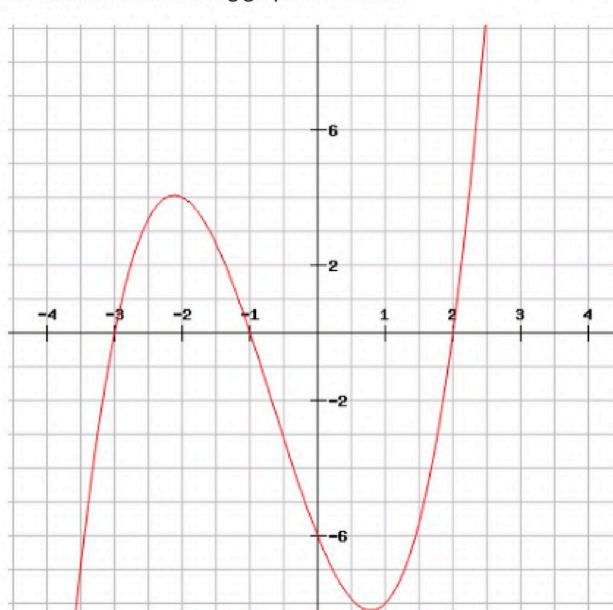
c) a > 0

d)  $a \ge 0$ 



# **MATHS**

3. Observe the following graph and answer



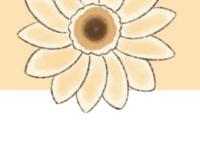
In the graph, how many zeroes are there for the polynomial?

- a) 0
- b) 1
- c) 2
- d) 3

4. The three zeroes in the above shown graph are

- a) 2, 3,-1
- b) -2, 3, 1
- c) -3, -1, 2
- d) -2, -3, -1





## **CLASS XII A**

## **BIOLOGY**

## **LESSON-SEXUAL REPRODUCTION IN FLOWERING PLANTS**

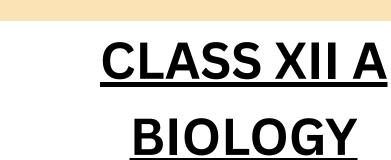
## **Knowledge and Understanding (Recall & Explain)**

- 1. Define pollination.
- 2. Name the male reproductive part of a flower.
- 3. State the function of the ovary in a flower.
- 4. List the types of pollination.
- 5. Describe the structure of a typical stamen.
- 6. Explain the term "double fertilization."
- 7. What is the role of pollen tube in fertilization?
- 8. Identify the parts of a carpel.
- 9. Distinguish between self-pollination and cross-pollination.
- 10. What is the role of the stigma in reproduction? Application-Based Questions
- 11. Given a diagram of a flower, label the reproductive parts.
- 12. Predict what would happen if a flower's anthers were removed.
- 13. Suggest why brightly colored petals are common in insect-pollinated flowers.
- 14. If a plant is wind-pollinated, what floral adaptations would you expect?
- 15. Apply your understanding to explain why seedless fruits are produced in some plants.
- 16. A plant species depends on bees for pollination. What might happen if bee populations decline?
- 17. How can artificial pollination be useful in agriculture?
- 18. Use your knowledge of plant reproduction to suggest a method of producing hybrid seeds.
- 19. Identify the reason why some flowers produce nectar.
- 20. Apply knowledge of pollen germination to explain how fertilizers might affect reproduction. Analytical Thinking
- 21. Compare the process of pollination in wind vs. insect-pollinated flowers.
- 22. Analyze the advantages and disadvantages of self-pollination.
- 23. Why is cross-pollination considered to promote genetic diversity?
- 24. Differentiate between the structures of monocot and dicot flowers.
- 25. Analyze the importance of synchrony in pollen release and stigma receptivity.
- 26. Examine the role of synergids during fertilization.
- 27. Why might a plant evolve mechanisms to avoid self-pollination?
- 28. Identify potential reasons for failure in fertilization.
- 29. Interpret the evolutionary significance of double fertilization in angiosperms.
- 30. Compare the reproductive structures of gymnosperms and angiosperms

## **Higher-Order Thinking (Evaluation & Creation)**

- 31. Evaluate the efficiency of artificial pollination in comparison to natural pollination.
- 32. Design an experiment to test the effect of wind on pollination rate.
- 33. Justify the use of biotechnology in improving plant reproduction.
- 34. Propose a breeding technique to improve flower yield in a specific crop.
- 35. Construct a model showing the journey of pollen to the ovule.
- 36. Develop a flowchart of the steps involved in sexual reproduction in flowering plants.
- 37. Assess the impact of environmental pollution on plant reproduction.
- 38. Debate the ethical aspects of genetically modifying flowering plants for reproduction.
- 39. Compose a poem or story describing the life cycle of a flowering plant.
- 40. Invent a device to aid pollination in a greenhouse setup. Competency-Linked Situational Items
- 41. Your school garden has mango and papaya trees. Identify which is likely to be unisexual and why.
- 42. A plant has sticky pollen and large colorful petals. Suggest its likely pollinator.
- 43. You observe a flower with both reproductive parts but still relies on cross-pollination. Explain why.
- 44. While dissecting a flower, you see a large, sticky stigma. What does this indicate about the mode of pollination?







- 45. Seeds are not forming on a hibiscus plant. Suggest reasons and remedies.
- 46. A botanist wants to produce a hybrid plant. Which part should be removed and why?
- 47. Why are seed banks important in conserving plant biodiversity?
- 48. In a lab setup, a pollen tube doesn't reach the ovule. What factors could be responsible?
- 49. A fruit has no seeds. What type of reproduction might have taken place?
- 50. Draw Transverse section of Young anther with all layers, Mature pollen grain, Typical ovule, Mature embryo sac, Pistill showing path of pollen tube growth, Typical Dicot and Monoct embryo, structure of Castor seed and Maize grain?

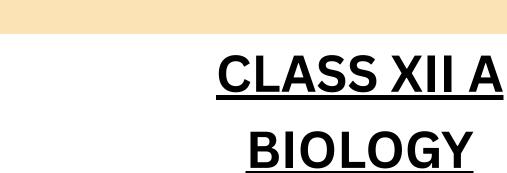
#### **LESSON - HUMAN REPRODUCTION**

## **Knowledge-Based (Recall)**

- 1. Define fertilization.
- 2. Name the primary male and female reproductive organs.
- 3. What is the function of the uterus?
- 4. Identify the hormone responsible for ovulation.
- 5. Label the parts of the male reproductive system.
- 6. List the stages of the menstrual cycle.
- 7. What is the role of the placenta?
- 8. State the site of sperm production.
- 9. Mention two secondary sexual characteristics in males.
- 10. Which structure in females receives the fertilized egg? Understanding-Based
- 11. Explain how the menstrual cycle is regulated by hormones.
- 12. Describe the process of implantation.
- 13. Differentiate between identical and fraternal twins.
- 14. Describe the function of the fallopian tube.
- 15. Why is the scrotum located outside the body?
- 16. How does puberty affect males and females differently?
- 17. Explain the importance of amniotic fluid.
- 18. Describe the changes in hormone levels during pregnancy.
- 19. Interpret the role of FSH and LH in reproduction.
- 20. Why does menstruation occur? Application-Based
- 21. Predict the outcome if the fallopian tubes are blocked.
- 22. Suggest ways to maintain reproductive health.
- 23. A woman has irregular periods; what might be the causes?
- 24. Explain how birth control pills prevent pregnancy.
- 25. Use a diagram to trace the path of sperm from formation to ejaculation.
- 26. Apply knowledge of fertilization to explain how IVF works.
- 27. How would an imbalance in estrogen affect the menstrual cycle?
- 28. Explain how understanding of human reproduction helps in family planning.
- 29. Apply the stages of labor to identify the correct birth phase in a scenario.
- 30. Analyze a hormonal chart to identify when ovulation occurs.

## **Analysis-Based**

- 31. Compare and contrast sexual and asexual reproduction.
- 32. Analyze the menstrual cycle to determine the fertile period.
- 33. Evaluate how lifestyle affects reproductive health.
- 34. Distinguish between ovulation and menstruation using a flowchart.
- 35. Examine the effects of reproductive diseases like STIs.
- 36. Compare human reproductive strategies with those of mammals.
- 37. Why do reproductive technologies raise ethical issues?
- 38. Analyze the roles of progesterone and estrogen during pregnancy.



- 39. How does the structure of sperm aid in fertilization?
- 40. Interpret a graph showing hormone levels across the menstrual cycle. Evaluation & Higher Order Thinking
- 41. Assess the impact of early pregnancy on teenage health.
- 42. Evaluate pros and cons of various contraceptive methods.
- 43. Formulate a campaign to educate peers on reproductive health.
- 44. Justify the need for sex education in schools.
- 45. Develop a plan to promote awareness of STDs in your community.
- 46. Debate: Should IVF be made freely available to all?
- 47. Critique the portrayal of human reproduction in media.
- 48. Propose improvements in reproductive healthcare access.
- 49. Defend the role of hormones in maintaining pregnancy.
- 50. Draw Diagrammatic representation of Spermatogenesis and Oogenesis, Sectional view of somniferous tubules(enlarged), Sectional view of ovary, Diagrammatic representation of various events during menstrual cycle,

## **ENGLISH**

- 1. Reading & Reflection
- 2. Writing Tasks
- 3. Creative & Analytical Tasks

#### 1. Reading & Reflection

- A. Summarize the key themes of the following chapters in 100-150 words each:
- The Last Lesson\* Importance of language and education.
- The Lost Spring\* Child labour and lost childhood.
- My Mother at Sixty-Six\* Aging, fear of loss, and familial bonds.
- The Third Level\* Escapism and the human desire for a simpler past.

## 2. writing tasks

- B. Write down 3 thought-provoking questions\*\* from each lesson that you would discuss in class.
- A. Letter Writing: Imagine you are \*\*Franz\*\* (\*The Last Lesson\*). Write a \*\*letter to your friend\*\* describing your feelings after M. Hamel's last lesson. -
- OR Write a \*\*letter to the Editor\*\* (\*The Lost Spring\*) on child labour in India, suggesting solutions.
- B. Essay (300 words): The Third Level is a psychological escape from modern life."\* Discuss. OR Compare the \*\*theme of loss\*\* in \*My Mother at Sixty-Six\* and \*The Last Lesson\*.

## 3. Creative & Analytical Tasks

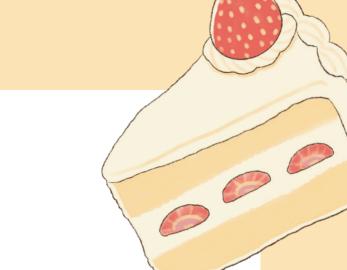
- A. Poem/Song Writing: Compose a \*\*4-stanza poem\*\* or song lyrics inspired by \*My Mother at Sixty-Six\*, capturing emotions of love and fear of separation.
- B. Alternate Ending: Rewrite the ending of \*The Third Level\* where \*\*Charley actually finds the third level\*\*. Describe his experience.

<u>हिन्दी</u>

- 1- पढ़ाएहुए पाठोंको पढ़करआना है।
- 2- आत्मपरिचय औरजीवनी मेंक्या अंतरहोता है? हिन्दीसाहित्य मेंइसकी शुरूआतकब हुईथी ? इसकेबारे मेंलिखिए।
- 3- "छायावादयुग मेंसमाज मेंस्त्रियों कीदशा" विषयपर एकलेख लिखिए।
- 4- स्त्रीमाया नाजोड़ें यहांमाया शब्दिकस ओरसंकेत कररहा है? स्त्रियोंद्वारा मायाजोड़ना प्रकृतिप्रदत्त नहींबल्कि, परिस्थितिवश है ।वह कौन-कौनसी परिस्थितियांहैं, जोस्त्री कोमाया जोड़नेके लिएविवश करदेती हैं।
- 5- आलोआंधारि कीनायिका एवंलेखिका बेबीहालदार औरभक्तिन केव्यक्तित्व मेंआप क्यासमानता देखतेहैं? लिखिए।
- 6- बातसे सम्बन्धित10 मुहावरेढूंढ़ करउनका वाक्यप्रयोग कीजिए।
- कलासमेकित परियोजनाकार्य
- 1- हरिवंशराय बच्चनकी कविताओंका एककोलाज तैयारकरें।

फूलखान

परास्नातकशिक्षिका





# **CLASS XII A MATHS**



- Q1. Show that the relation R in the set  $\{1, 2, 3\}$  given by  $R = \{(1, 2), (2, 1)\}$  is symmetric but neither reflexive nor transitive
- Q2. Check the injectivity and surjectivity of  $f: Z \rightarrow Z$  given by  $f(x) = x^2$
- Q3. Show that the function  $f:R \to R$  given by f(x)=[x] for  $\forall x \in R$  is neither one one nor onto.
- Q4. Check the injectivity of  $f: R \to R$ ,  $f(x) = x^3$ .
- Q5.Let N be the set of natural numbers and R be the relation in NX N defined by (a,b) R (c,d) if and only if a+d=b+c. Show that R is an equivalence relation.
- Q6. Show that the relation R on A,  $A = \{x ; x \in \mathbb{Z}, 0 \le x \le 12\}$  defined as  $R = \{(a,b): |a-b| \text{ is multiple of } 3.\}$ , is an equivalence relation. Also write equivalence class of 2,3,5
- $\sin^{-1}\left(\sin\frac{4\pi}{5}\right)$ Q7.Find the principle value of
- Q8. Evaluate:  $sec^{-1} \left[ sec \left( -\frac{\pi}{4} \right) \right]$

$$\begin{bmatrix}
\cos x & \sin x \\
-\sin x & \cos x
\end{bmatrix}$$
, find x,  $0 < x < \frac{\pi}{2}$  where A+A' = 1.

- Q10.If A and B are symmetric matrices of the same order, write whether AB BA is symmetric or skew symmetric.
- Q11. If  $A = \begin{bmatrix} 1 & 0 \\ -1 & 7 \end{bmatrix}$ , find k such that  $A^2 8A + kI = 0$ .
- Q12. Matrix A has x rows and x+5 columns. Matrix B has y rows and 11-y columns. Both AB and BA exist. Find the values of x and y.
- Q13. Solve for x :  $[1 \times 1][1 \ 3 \ 2 \ 2 \ 5 \ 1 \ 15 \ 3 \ 2][1 \ 2 \times ]=0$
- Q14. Express the following matrix as the sum of a symmetric and skew-symmetric matrix:

$$\begin{bmatrix} 1 & 3 & 5 \\ -6 & 8 & 3 \\ -4 & 6 & 5 \end{bmatrix}$$

- Q15. Find the derivative of  $\sin(\cos^2(\sqrt{x}))$
- Q16. Write the derivative of the function  $f(x) = \tan^{-1} \sqrt{\sin x}$  w. r. to x.
- Q17.If  $x\sqrt{1+y} + y\sqrt{1+x} = 0$ , show that  $\frac{dy}{dx} = \frac{-1}{(1+x)^2}$

Q18. Differentiate 
$$\left(x + \frac{1}{x}\right)^x + x^{\left(x + \frac{1}{x}\right)}$$

- Q19.If  $\sin y = x \cos (a + y)$ , show that  $\frac{dy}{dx} = \frac{\cos^2(a + y)}{\cos a}$
- Q20.If  $y\sqrt{1-x^2} + x\sqrt{1-y^2} = 1$ , show that  $\frac{dy}{dx} = -\sqrt{\frac{1-y^2}{1-x^2}}$

$$\tan^{-1}\left(\frac{\sqrt{1+x^2}-1}{x}\right), x \neq 0$$

Q21..Write the following in simplest form:

Q22.Prove that 
$$\tan^{-1} \left( \frac{\sqrt{1+x} - \sqrt{1-x}}{\sqrt{1+x} + \sqrt{1-x}} \right) = \frac{\pi}{4} - \frac{1}{2} \cos^{-1} x$$

Q23.Evaluate 
$$\cos^{-1}\left(\cos\frac{7\pi}{6}\right)$$

$$\sec^{-1}(\sqrt{2}) + \csc^{-1}x = \frac{\pi}{2}$$

Q25.Find x, if 
$$\sec^{-1}(\sqrt{2}) + \csc^{-1}x = \frac{\pi}{2}$$

- Q26 . If  $[2x + 15x 0y^2 + 1] = [x + 310026]$  .find the value of (x+y).

Q27. If 
$$A = \begin{bmatrix} 3 & 4 \\ -4 & -3 \end{bmatrix}$$
, find f(A), where  $f(x) = x^2 - 5x + 7$ .

Q28 .Find x,y if 
$$2\begin{bmatrix} x & 5 \\ 7 & y-3 \end{bmatrix} + \begin{bmatrix} 3 & 4 \\ 1 & 2 \end{bmatrix} = \begin{bmatrix} 7 & 14 \\ 15 & 14 \end{bmatrix}$$

- Q29. If the matrix  $A = \begin{bmatrix} 5 & 2 & x \\ y & z & -3 \\ 4 & t & -7 \end{bmatrix}$  is a symmetric matrix, find x, y, z and t
- Q30. Prove that the relation R on the set Z of all integers defined by
- $(a,b) \in R \Leftrightarrow a-b$  is divisible by 5 is an equivalence relation.
- Q31. Show that the relation R defined by the set A of all triangle as :
- $R = \{(T_1, T_2) : T_1 \text{ is similar to } T_2\}$  is an equivalent relation. Consider three right angle triangles  $T_1$ , with sides 3,4,5;  $T_2$  with sides 5,12,13 and  $T_3$  with sides 6,8,10. Which triangles are related to each other.







WRITE QUESTION 1, 2, 3 AND 4 IN YOUR NOTEBOOK

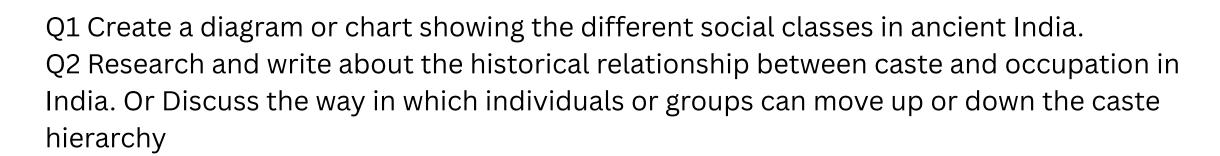
- 1. SOLVE YOUR MT1 QUESTION PAPER.
- 2. WRITE THE FOLLOWING PROGRAMS:
- Read a text file line by line and display each word separated by a #.
- Read a text file and display the number of vowels/consonants/uppercase/lowercase characters in the file.
- Remove all the lines that contain the character 'a' in a file and write it to another file
- Write a function in python to count the number lines in a text file 'Country.txt' which is starting with an alphabet 'W' or 'H'.
- Write a function COUNT\_AND() in Python to read the text file "STORY.TXT" and count the number of times "AND" occurs in the file. (include AND/and/And in the counting)
- Write a function that counts and display the number of 5 letter words in a text file "Sample.txt
- Write a Python program to find the number of lines in a text file 'abc.txt'.
- Write a method in python to read lines from a text file DIARY.TXT and display those lines which start with the alphabets P.
- 3. REVISION OF CLASS 11 PYTHON CONCEPTS MAKE MIND MAPS OF THE FOLLOWING TOPICS:
- LIST
- DICTIONARY
- STRINGS
- TUPLE
- FOR LOOP, WHILE LOOP
- 4. COMPLETE YOUR NOTES TILL TEXT FILE HANDLING.

## **Creative Mini Project**

Develop a small text-based application, A quiz game that stores and retrieves questions from a file using functions and file handling:

INSTRUCTIONS: Submit both handwritten explanations and typed code(IN PDF FORMAT)





# **GEOGRAPHY**

Map Items for locating and labelling on political outline map of India

**India - People and Economy** 

INSTRUCTIONS: Use Colours To Locate / Mark The Areas

Chapter No. and Name	No of maps required	Map Items
1-Population Distribution Density Growth and Composition	1	State with highest population density & state with lowest population density (2011)
2.Land Resources and Agriculture	1	Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee
3.Mineral And Energy Resources	6	Mines: (a) • Iron-ore mines: Mayurbhanj, Bailadila, Ratnagiri, Bellary (b) • Manganese mines: Balaghat, Shimoga © • Copper mines: Hazaribagh, Singhbhum, Khetari (d) • Bauxite mines: Katni, Bilaspur and Koraput (e) • Coal mines: Jharia, Bokaro, Raniganj, Neyveli (f) • Oil Refineries: Mathura, Jamnager,





4.International	2	Mark and label the major
Trade		sea ports and airports on an outline map of India.
		(a) • Major Sea Ports:
		Kandla, Mumbai,
		Marmagao, Kochi,
		Mangalore, Tuticorin,
		Chennai,
		Vishakhapatnam,
		Paradwip, Haldia
		(b) • International Air
		ports: Ahmedabad,
		Mumbai, Bengaluru,
		Chennai, Kolkata,
		Guwahati, Delhi,
		Amritsar,
		Thiruvananthapuram & Hyderabad.



1. Make a model on how money evolved from Barter system to E-money.

# **POLITICAL SCIENCE**

#### Task-1

Assignment Topic "A Comprehensive Presentation on Major Indian Political Parties" Instructions:

10 MAPS

a. Name of the Political Party,Year of Establishment,Core Ideologies,Party Symbols(Insert image or draw it clearly),Brief description of the Party's role in Indian Politics in bullet Points.

#### Task-2:

Make a presentation on the role, structure and significance of the United Nations and it's Principal organs in maintaining international peace and cooperation.

Instructions:

a) Enhance your presentation with recent examples from contemporary Political Situation.

# <u>हिन्दी</u>

1- पढ़ाएहुए पाठोंको पढ़करआना है।

TOTAL

- 2- आत्मपरिचय औरजीवनी मेंक्या अंतरहोता है? हिन्दीसाहित्य मेंइसकी शुरूआतकब हुईथी ? इसकेबारे मेंलिखिए।
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- 1- हरिवंशराय बच्चनकी कविताओंका एककोलाज तैयारकरें।

फूलखान

परास्नातकशिक्षिका







- 2. Writing Tasks
- 3. Creative & Analytical Tasks

## 1. Reading & Reflection

A. Summarize the key themes of the following chapters in 100–150 words each:

- The Last Lesson\* Importance of language and education.
- The Lost Spring\* Child labour and lost childhood.
- My Mother at Sixty-Six\* Aging, fear of loss, and familial bonds.
- The Third Level\* Escapism and the human desire for a simpler past.

## 2. writing tasks

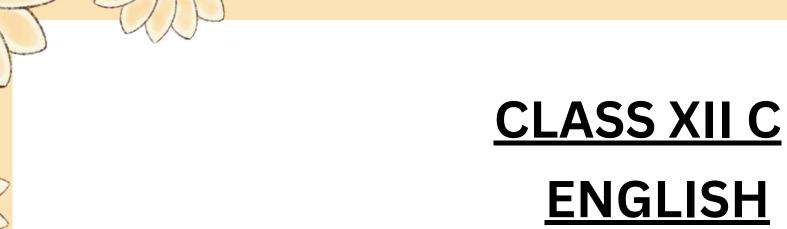
- B. Write down 3 thought-provoking questions\*\* from each lesson that you would discuss in class.
- A. Letter Writing: Imagine you are \*\*Franz\*\* (\*The Last Lesson\*). Write a \*\*letter to your friend\*\* describing your feelings after M. Hamel's last lesson. -
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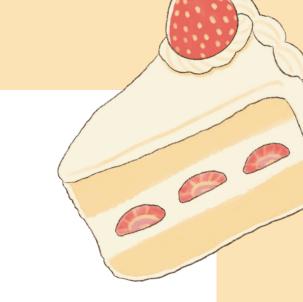
## 3. Creative & Analytical Tasks

- A. Poem/Song Writing: Compose a \*\*4-stanza poem\*\* or song lyrics inspired by \*My Mother at Sixty-Six\*, capturing emotions of love and fear of separation.
- B. Alternate Ending: Rewrite the ending of \*The Third Level\* where \*\*Charley actually finds the third level\*\*. Describe his experience.









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- 2- आत्मपरिचय औरजीवनी मेंक्या अंतरहोता है? हिन्दीसाहित्य मेंइसकी शुरूआतकब हुईथी ? इसकेबारे मेंलिखिए।
- 3- "छायावादयुग मेंसमाज मेंस्त्रियों कीदशा" विषयपर एकलेख लिखिए।
- 4- स्त्रीमाया नाजोड़ें यहांमाया शब्दिकस ओरसंकेत कररहा है? स्त्रियोंद्वारा मायाजोड़ना प्रकृतिप्रदत्त नहींबल्कि, परिस्थितिवश है ।वह कौन-कौनसी परिस्थितियांहैं, जोस्त्री कोमाया जोडनेके लिएविवश करदेती हैं।
- 5- आलोआंधारि कीनायिका एवंलेखिका बेबीहालदार औरभक्तिन केव्यक्तित्व मेंआप क्यासमानता देखतेहैं? लिखिए।
- 6- बातसे सम्बन्धित10 मुहावरेढूंढ़ करउनका वाक्यप्रयोग कीजिए। कलासमेकित परियोजनाकार्य
- 1- हरिवंशराय बच्चनकी कविताओंका एककोलाज तैयारकरें। फूलखान

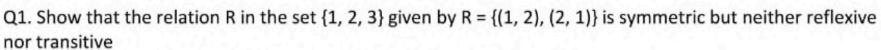
परास्नातकशिक्षिका











Q2. Check the injectivity and surjectivity of  $f: Z \rightarrow Z$  given by  $f(x) = x^2$ 

Q3. Show that the function  $f:R \to R$  given by f(x)=[x] for  $\forall x \in R$  is neither one one nor onto.

Q4. Check the injectivity of  $f: R \to R$ ,  $f(x) = x^3$ .

Q5.Let N be the set of natural numbers and R be the relation in NX N defined by (a,b) R (c,d) if and only if a+d=b+c. Show that R is an equivalence relation.

Q6. Show that the relation R on A,  $A = \{x : x \in \mathbb{Z}, 0 \le x \le 12\}$  defined as  $R = \{(a,b): |a-b| \text{ is multiple of } 3.\}$ , is an equivalence relation. Also write equivalence class of 2,3,5

Q7. Find the principle value of 
$$\sin^{-1} \left( \sin \frac{4\pi}{5} \right)$$

Q8. Evaluate: 
$$sec^{-1}\left[sec\left(-\frac{\pi}{4}\right)\right]$$

$$\begin{bmatrix} \cos x & \sin x \\ -\sin x & \cos x \end{bmatrix}$$

 $-\sin x \cos x$ , find x,  $0 < x < \frac{\pi}{2}$  where A+A' = I.

Q10.If A and B are symmetric matrices of the same order, write whether AB – BA is symmetric or skew symmetric.

Q11. If 
$$A = \begin{bmatrix} 1 & 0 \\ -1 & 7 \end{bmatrix}$$
, find k such that  $A^2 - 8A + kI = 0$ .

Q12. Matrix A has x rows and x+5 columns. Matrix B has y rows and 11-y columns. Both AB and BA exist. Find the values of x and y.

Q13. Solve for x :  $[1 \times 1][1 \ 3 \ 2 \ 2 \ 5 \ 1 \ 15 \ 3 \ 2][1 \ 2 \times ]=0$ 

Q14. Express the following matrix as the sum of a symmetric and skew-symmetric matrix:

$$\begin{bmatrix} 1 & 3 & 5 \\ -6 & 8 & 3 \\ -4 & 6 & 5 \end{bmatrix}$$

Q15. Find the derivative of  $\sin(\cos^2(\sqrt{x}))$ 

Q16. Write the derivative of the function  $f(x) = \tan^{-1} \sqrt{\sin x}$  w. r. to x.

Q17.If 
$$x\sqrt{1+y} + y\sqrt{1+x} = 0$$
, show that  $\frac{dy}{dx} = \frac{-1}{(1+x)^2}$ .

Q18. Differentiate 
$$\left(x + \frac{1}{x}\right)^x + x^{\left(x + \frac{1}{x}\right)}$$

Q19.If sin y = x cos (a + y), show that 
$$\frac{dy}{dx} = \frac{\cos^2(a+y)}{\cos a}$$

Q20.If 
$$y\sqrt{1-x^2} + x\sqrt{1-y^2} = 1$$
, show that  $\frac{dy}{dx} = -\sqrt{\frac{1-y^2}{1-x^2}}$ 

$$\tan^{-1}\left(\frac{\sqrt{1+x^2}-1}{x}\right) , x \neq 0$$

Q21..Write the following in simplest form:

Q22.Prove that 
$$\tan^{-1} \left( \frac{\sqrt{1+x} - \sqrt{1-x}}{\sqrt{1+x} + \sqrt{1-x}} \right) = \frac{\pi}{4} - \frac{1}{2} \cos^{-1} x$$

Q23.Evaluate 
$$\cos^{-1}\left(\cos\frac{7\pi}{6}\right)$$

$$\sec^{-1}(\sqrt{2}) + \csc^{-1}x = \frac{\pi}{2}$$

Q24.Find x, if 
$$\sec^{-1}(\sqrt{2}) + \csc^{-1}x = \frac{\pi}{2}$$
Q25.Find x, if

Q26 . If  $[2x + 15x 0y^2 + 1] = [x + 310026]$  .find the value of (x+y).

Q27. If 
$$A = \begin{bmatrix} 3 & 4 \\ -4 & -3 \end{bmatrix}$$
, find f(A), where  $f(x) = x^2 - 5x + 7$ .

Q28 .Find x,y if 
$$2\begin{bmatrix} x & 5 \\ 7 & y-3 \end{bmatrix} + \begin{bmatrix} 3 & 4 \\ 1 & 2 \end{bmatrix} = \begin{bmatrix} 7 & 14 \\ 15 & 14 \end{bmatrix}$$

Q29. If the matrix 
$$A = \begin{bmatrix} 5 & 2 & x \\ y & z & -3 \\ 4 & t & -7 \end{bmatrix}$$
 is a symmetric matrix, find  $x, y, z$  and  $t$ 

Q30. Prove that the relation R on the set Z of all integers defined by

 $(a,b) \in R \Leftrightarrow a-b$  is divisible by 5 is an equivalence relation.

Q31. Show that the relation R defined by the set A of all triangle as :

 $R = \{(T_1, T_2) : T_1 \text{ is similar to } T_2\}$  is an equivalent relation. Consider three right angle triangles  $T_1$ , with sides 3,4,5;  $T_2$  with sides 5,12,13 and  $T_3$  with sides 6,8,10. Which triangles are related to each other.





- 1. SOLVE YOUR MT1 QUESTION PAPER.
- 2. WRITE THE FOLLOWING PROGRAMS:
- Create a panda's series from a dictionary of values and a ndarray
- Given a Series, print all the elements that are above the 75th percentile.
- Create two Series: math\_marks and science\_marks for 5 students.
- 3. ADD both Series to find total marks.
- 4. Find the difference between the two Series.
- Create a Series showing number of steps walked each day.
- 5. Find the day with the maximum steps.
- 6. Find the total and average steps for the week.
- 7. Filter days with steps > 8000.
- Create a Series from a list of your 5 favorite fruits. Set custom index labels.
- Create a Series from a dictionary representing marks in 5 subjects.
- 8. Revision of database concepts and SQL commands covered in class XI AND solve the following questions:
- To create a database
- To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.
- To insert the details of at least 10 students in the above table.
- To display the entire content of table.
- To display Rno, Name and Marks of those students who are scoring marks more than 50.
- To display Rno, Name, DOB of those students who are born between '2005- 01-01' and '2005-12-31'.
- 9. COMPLETE YOUR NOTES of chapter Series.

#### **Creative Mini Project**

Create a mini-project on:

"My Weekly Routine using Pandas Series"

You are required to create a Python program using Pandas Series that represents your daily activities or routines over a week.

INSTRUCTIONS: Submit both handwritten explanations and typed code(IN PDF FORMAT)







