

Holidays homework

Class 7.

Subject English.

Q-1 Listening and speaking. - Watch the movie Geeta rani and learn some dialogues to speak up in the class room after Vacation.

Q-2 Reading -Read the lessons Three days to see.The day the river spoke.and the poem a funny man.

Q-3 writing -Write some new words from Unit second.Write some 20 synonyms.20 opposite words and 20 one words substitution.For example one who loves his country-Patriot.

Write an informal letter to your brother telling him about your result that you have secured 99% of marks In class 7th

Q-4 Make a working project On anyone topic from your grammar portion

or

Complete the web and tie the thread in a knot.On the stick where the web is completed.This activity is given on your book.Page no.27.

प्रिन्स श्री केन्द्रीय विद्यालय टीकमगढ़

ग्रीष्म कालीन गृहकार्य, सत्र- 2026-27

कक्षा-7

विषय - हिन्दी (महार)

- प्रश्न-1- एक लोककथा (समाज में प्रचलित) को 2 पेज में लिखिए जिसे आपने अपने परिवारीजनों से सुना हो।
- प्रश्न-2- गिरिधर कविराय की कुण्डलियों का सस्वर वाचन करना सीखिए और उन्हे सुन्दर लेख में लिखिए।
- प्रश्न-3- सिद्धार्थ के जीवन से सम्बन्धित 30 पंक्तियाँ लिखिए।
- प्रश्न-4- अच्छे इंसान (फूल) और बुरे इंसान (काँटा) के बारे में 10 अन्तर (तुलनाएँ) लिखिए।
- प्रश्न-5- जल संग्रहण (पानी बचाओ) का रंगीन सुन्दर पोस्टर बनाइए।
- प्रश्न-6- रंगीन कागजों से किसी भी एक पक्षी का सुन्दर चित्र बनाकर लाइए; अथवा पक्षियों को दाना-पानी रखने का पात्र (वर्तन) बनाकर लाइए।
- प्रश्न-7- 10 पेज की सुलेख लिखिए एवं पढ़े हुए पाठों की पुनरावृत्ति कीजिए।

विषय अध्यापक

किशन लाल



CLASS - VII
SUMMER HOLIDAY HOMEWORK
SUBJECT – AI

A. Multiple Choice Questions (MCQs)

1. Natural Language Processing helps computers to:

- A) Draw pictures
- B) Understand human language
- C) Build machines
- D) Play sports

2. Which of the following is an application of NLP?

- A) Weather prediction
- B) Chatbots
- C) Cooking apps
- D) Painting tools

3. Statistical data mainly consists of:

- A) Words
- B) Numbers and facts
- C) Images
- D) Sounds

4. AI systems use statistical data to:

- A) Make toys
- B) Make decisions and predictions
- C) Play music
- D) Print books

5. Machine translation is used for:

- A) Converting languages
- B) Drawing graphs
- C) Playing games
- D) Storing files

B. Mark True or False

1. NLP helps machines understand human language. (____)
2. Statistical data has no use in real life. (____)
3. Voice assistants use NLP. (____)
4. Data helps in decision making. (____)
5. AI works without data. (____)

C. Fill in the Blanks

1. NLP stands for _____.
2. Chatbots are an example of _____.
3. Statistical data contains _____ and facts.
4. AI uses data for _____ making.
5. _____ helps in translating languages.

D. Assertion–Reason

Choose the correct option:

- A) Both A and R are true, and R is the correct explanation
- B) Both A and R are true, but R is not correct explanation
- C) A is true, R is false
- D) A is false, R is true

1. Assertion (A): NLP is used in voice assistants.

Reason (R): Voice assistants understand spoken language.

2. Assertion (A): Statistical data is important in AI.

Reason (R): It helps in finding patterns and making predictions.

3. Assertion (A): Data visualization makes data easy to understand.

Reason (R): It uses graphs and charts.

E. Unseen Passage

Artificial Intelligence (AI) is a technology that allows machines to perform smart tasks. One important part of AI is Natural Language Processing (NLP), which helps computers understand human language. It is used in chatbots, voice assistants, and translation apps. Another important part of AI is statistical data. It includes numbers and facts collected for analysis. This data helps in making decisions in areas like business, education, and healthcare.

Questions:

1. What is NLP?

2. Write two applications of NLP.

3. What is statistical data?

4. Name one area where statistical data is used.

5. What is the main idea of the passage?

PM SHRI KENDRIYA VIDYALAYA TIKAMGARH
HOLIDAY HOME WORK CHAPTER 01
LARGE NUMBERS AROUND US

SUBJECT: MATHEMATICS
CLASS : VII

MAX. MARKS : 40
DURATION : 1½ hrs

General Instructions:

- (i). All questions are compulsory.
- (ii). This question paper contains 20 questions divided into five Sections A, B, C, D and E.
- (iii). **Section A** comprises of 10 MCQs of 1 mark each. **Section B** comprises of 4 questions of 2 marks each. **Section C** comprises of 3 questions of 3 marks each. **Section D** comprises of 1 question of 5 marks each and **Section E** comprises of 2 Case Study Based Questions of 4 marks each.
- (iv). There is no overall choice.
- (v). **Use of Calculators is not permitted**

SECTION – A

Questions 1 to 10 carry 1 mark each.

1. 5 million is equal to how many lakhs?
(a) 500 lakh (b) 5 lakh (c) 50 lakh (d) 25 lakh
2. Which of the following is correctly expressed in International system?
(a) 75,00,000 (b) 7,500,000 (c) 750,00,00 (d) 7,50,00,000
3. 1,23,45,678 is read in Indian system as:
(a) 1 crore 23 lakh 45 thousand 678 (b) 12 crore 34 lakh 56 thousand 78
(c) 1 crore 2 lakh 3 thousand 4 hundred (d) 123 million 456 thousand 78
4. In International system, commas are placed after every:
(a) 2 digits (b) 4 digits (c) 3 digits (d) 5 digits
5. A football stadium can seat approximately 68,000 people. The nearest thousand is:
(a) 60,000 (b) 68,000 (c) 70,000 (d) 1,00,000
6. If a farmer produces 1,00,000 kg of rice per month, in 12 months he produces:
(a) 1 crore kg (b) 12 lakh kg (c) 10 lakh kg (d) 15 lakh kg
7. Which number is larger?
(a) 50 million (b) 5 crore (c) Both are equal (d) 1 billion
8. Which city's approximate population could be 1.5 crore?
(a) Hyderabad (b) Mumbai (c) Delhi (d) All of these

In the following questions 9 and 10, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

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

9. **Assertion (A):** 1 million equals 10 lakh.

Reason (R): In Indian system, large numbers are grouped in thousands and millions.

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- (d) A is false but R is true.

9. **Assertion (A):** 1 million equals 10 lakh.

Reason (R): In Indian system, large numbers are grouped in thousands and millions.

10. **Assertion (A):** Estimation helps in quick decision making.
Reason (R): Exact calculations are always preferred over estimation.

SECTION – B

Questions 11 to 14 carry 2 marks each.

11. Write 4,36,21,015 in words using Indian system.
12. Round 92,58,000 to nearest crore.
13. Write the difference and express in words: (a) 8 crore – 3 crore 70 lakh.
(b) Use Indian system.
14. Convert: (a) 9.8 crore into millions
(b) 145 million into crore.

SECTION – C

Questions 15 to 17 carry 3 marks each.

15. Estimate: $2,39,485 + 6,71,832$ by rounding each to nearest lakh.
16. Express 75,38,46,120 in words using both the Indian and International Systems.
17. Write the numbers and Arrange the following in descending order:
3 crore 15 lakh, 98 lakh 60 thousand, 5 crore 8 lakh, 9 crore 3 lakh.

SECTION – D

Questions 18 carry 5 marks each.

18. The population of City A is 37,45,280 and City B is 1,02,95,800. A new survey predicts that the population of City A will increase by 8,45,000 in the next 5 years, and City B's population will rise by 5,00,000 in the same period.
- (a) Estimate and find the future population of both cities.
- (b) Compare their future populations using $<$, $>$, or $=$.
- (c) Round off the future population of both cities to the nearest lakh.

SECTION – E (Case Study Based Questions)

Questions 19 to 20 carry 4 marks each.

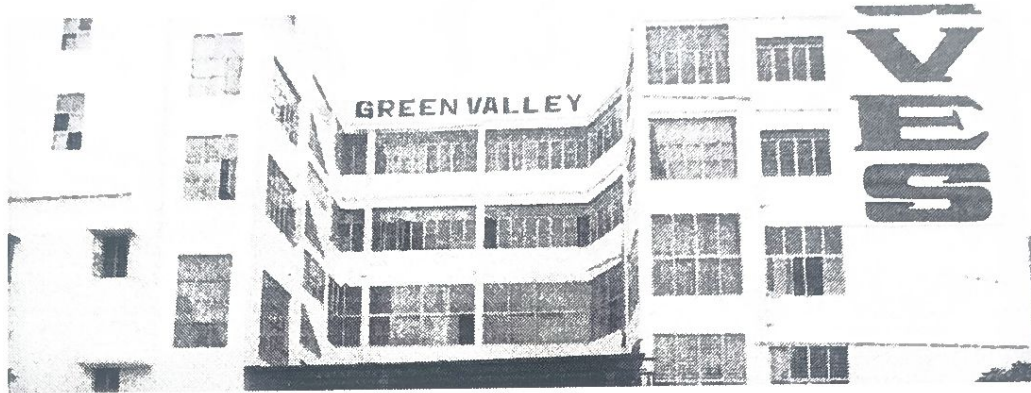
19. A mobile phone factory currently produces 18,000 phones daily. Management plans to expand production to 25,000 phones daily starting next year. Based on daily output, they need an annual production estimate to prepare raw materials, staffing, and storage facilities. Without calculating large numbers efficiently, the company risks running short of resources or overstocking products.



Based on this, Answer the following questions

- (i) Calculate current annual production (365 days). (1)
- (ii) Calculate future projected annual production. (1)
- (iii) Express both in lakhs and crores. (2)

20. Green Valley School spends 23547500 annually for staff salaries, maintenance, and electricity. Before the new academic year, the school principal must present a clear financial report to staff and parents. Reporting the budget using Indian and International systems improves understanding and prevents confusion. Clear financial presentations help parents trust school management.



- (i) Place commas using both systems. (2)
- (ii) Write ₹23547500 in Indian system (in words). (1)
- (iii) Write in International system (in words). (1)

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PM SHRI KENDRIYA VIDYALAYA TIKAMGARH
HOLIDAY HOMEWORK CHAPTER 02
ARITHMETIC EXPRESSIONS

SUBJECT: MATHEMATICS
CLASS : VII

MAX. MARKS : 40
DURATION : $1\frac{1}{2}$ hrs

General Instructions:

- (i). All questions are compulsory.
- (ii). This question paper contains 20 questions divided into five Sections A, B, C, D and E.
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- (iv). There is no overall choice.
- (v). **Use of Calculators is not permitted**

SECTION – A

Questions 1 to 10 carry 1 mark each.

1. What is the value of: $75 - 5 \times (6 + 4)$?
(a) 25 (b) 35 (c) 20 (d) 30
2. Evaluate: $81 \div 9 + 45 \div 5$
(a) 18 (b) 15 (c) 20 (d) 19
3. Find the value of: $9 \times 8 - 36 \div 6$
(a) 66 (b) 69 (c) 72 (d) 70
4. Choose the correct value: $2 \times (5 + 3)^2$
(a) 128 (b) 64 (c) 72 (d) 80
5. Identify which of the following expressions are not equal to: $90 - 25 - 15$
(a) $91 - 26 - 15$ (b) $90 - (25 + 15)$ (c) $90 - 26 - 14$ (d) $-25 + 90 + 15$
6. Which expressions are equal to: $65 + 12 \times 6 + 18$
(a) $12 \times 6 + 18 + 65$ (b) $65 + 18 \times 6 + 12$
(c) $(65 + 12) \times (6 + 18)$ (d) $(18 + 12) \times 6 + 65$
7. What is the value of: $12 \times (9 - 4) + 10 \div 2$
(a) 65 (b) 60 (c) 62 (d) 66
8. Choose the correct alternative equal to: $11 \times 5 - (45 \div 9)$
(a) $55 - 5 = 50$ (b) $11 \times (5 - 5) = 0$ (c) $55 \div 9 = 6.11$ (d) $11 \times 5 - 5 \times 5 = 30$

In the following questions 9 and 10, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct answer out of the following choices.

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- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

9. Assertion (A): $6 + 5 \times 4 = 44$

Reason (R): Multiplication is done before addition

10. Assertion (A): $45 \div 5 + 3 = 12$

Reason (R): Division has higher precedence over addition

SECTION – B

Questions 11 to 14 carry 2 marks each.

11. Simplify: $108 \div 9 + 12 \times (7 - 4)$

12. Solve the following by inserting suitable values:

(a) $35 + 9 = x + 6$ (b) $y + 15 = 67$ (c) $14 \times z = 98$ (d) $w - 20 = 35$

13. Rewrite the expressions without brackets and compute:

(a) $40 + (16 + 14)$ (b) $50 - (20 + 15)$ (c) $70 + (30 - 18)$ (d) $60 - (25 - 5)$

14. Arrange the values in increasing order: $120 \div 6$, 5×5 , $13 + 7$, 3^3 , $90 - 30$

SECTION – C

Questions 15 to 17 carry 3 marks each.

15. (a) Simplify and calculate: $(60 - 4 \times 9) + (27 \div 3)^2$

(b) Simplify and calculate: $(90 - 6 \times 7) + (30 \div 5)^3$

16. (a) A carton holds 25 oranges. Each orange weighs 200 grams. If a box can hold 10 kg, how many oranges fit in a box? Write expression and find answer.

(b) A box holds 30 mangoes, each weighing 150 grams. How many mangoes can be packed in a 15 kg crate? Write expression and solve.

17. Evaluate: (a) $\frac{(72 \div 9) + (7 \times 4) - 20}{5}$

(b) $\frac{(81 \div 9) + (8 \times 5) - 30}{7}$

SECTION – D

Questions 18 carry 5 marks each.

18. Mr. Arjun, a friendly shopkeeper in the neighborhood, often helps customers find exactly what they need for school and office work. One afternoon, a customer visited his shop to buy supplies for her children. She selected 6 books priced at ₹120 each, 4 pens costing ₹15 each, and 2 sturdy school bags priced at ₹350 each. Mr. Arjun quickly calculated the total but also allowed the customer to pay in cash immediately. She handed him ₹2000, and he checked whether the amount was enough or if more was needed.

(a) Write expression for total cost.

(b) Calculate total cost.

(c) If he receives ₹2000, find balance or shortage.

SECTION – E (Case Study Based Questions)

Questions 19 to 20 carry 4 marks each.

19. A family is excitedly preparing for their daughter Anaya's birthday celebration at home. They have invited friends, relatives, and neighbors, ensuring everyone will enjoy delicious food. After visiting the local bakery, they decided to place an order for 10 large pizzas priced at ₹250 each, 12 bottles of fresh fruit juice at ₹80 each, and 25 beautifully decorated cupcakes at ₹45 each. The

bakery owner, happy to receive such a big order, also mentioned a special discount for bulk purchases.



- (a) What will be the total cost before discount?
- (b) If the bakery gives a 12% discount on the total, what will be the final bill?

20. At the start of the new academic session, Mrs. Rao, the dedicated class teacher of Class 7, wanted every student to have the basic stationery needed for a smooth learning experience. She purchased 2 notebooks for each student at ₹25 each, 3 pens for each at ₹10 each, and 1 eraser for each at ₹5 each, ensuring no one lacked essential items. She distributed them among all 30 students during the first day of class. The total expense was compared to the amount collected from students.



- (a) Find the total cost of all the items.
 - (b) If ₹3000 was collected from students, how much amount is left or needed?
-

पी० एम० श्री केन्द्रीय विद्यालय, टीकमगढ़

कक्षा - 7, विषय - संस्कृत

ग्रीष्मकालीन अवकाश गृहकार्यम्

- 1) पठ्, हस, लिख् धातु रूपं लट्, लृट् लकारे लिखत स्मरणं च ।
- 2) लता बालिका च शब्दरूपं लिखत स्मरणं कुरुत ।
- 3) संस्कृतस्य प्रतिज्ञा प्रार्थना च स्मरणं कुर्वन्तु ।
- 4) परोपरकारः विद्याया सम्बन्धितं 2-2 श्लोकं लिखन्तु स्मरणं कुर्वन्तु ।
- 5) स्व दैनिक जीवने प्रयुज्यमानान् न्यूनातिन्यूनं 25 शब्दान् संस्कृते लिखत ।

इति

Science Summer Assignment

Class - 7th

Q1. Write how science is used in

- Kitchen
- Transportation
- Communication
- Health

Q2. Make a poster on the chart paper
Topic: Save environment with science

Q3. Pot a plant in your home and observe.

Q4. Record :

- Height
- Number of leaves
- Changes observed.

Q5. Answer the following questions :

(i) What is science ?

- (ii) Why is science called ever evolving?
- (iii) How can natural indicators be prepared? Explain by giving an example.
- (iv) Grape juice was mixed with red rose extract; the mixture got a tint of red colour. What will happen if baking soda is added to this mixture.

SUMMER ASSIGNMENT (SST)

Class VII

1. Look at the physical map of India and find the names of five rivers that flow into the Bay of Bengal. Find out India's coastal states and discuss the difference between the western and eastern coastal plains.
2. Locate on the map - the names of the states in the different parts of the Himalayas.
3. Draw the map of Mahajanapadas, along with their capitals. How many can you match with Indian cities of today? Also, identify the regions you have heard about in the legends of Mahabharata.
4. Illustrate 10 UNESCO world heritage sites on Indian Map, including all of Madhya Pradesh.
5. Tribal communities are largely spread over the states of Jharkhand, West Bengal, Odisha, Assam, Madhya Pradesh, Chhattisgarh, Maharashtra, Telangana, and Gujarat. Locate these states (with capital cities) on the Indian map.