

PM SHRI KV NO.1 JHANSI CANTT, AGRA REGION

Class- 7

Holiday homework

English

1) Write a notice on the organisation of Inter- house Cricket Tournament.

Bring the associate member of Sports Club.

2) Write a story with title and moral message for an idiom " Every cloud has a silver lining".

3) Write an application to the principal of your school requesting him to arrange water cooler in your school for sufficient water supply.

4) Write a paragraph on the topic " Save environment, save lives".

5) Write a diary entry describing your feelings after receiving a cute pet as your birthday gift.

All this has to be done in your English fair notebook only.

MDP has to be prepared in separate file.

Hindi

प्रश्न 1 निम्नलिखित सभी विषयों पर लगभग 100-100 शब्दों में अनुच्छेद लिखिए-

(1) स्वतंत्रता दिवस (15 अगस्त)

(2) पर्यावरण प्रदूषण

(3) मेरा प्रिय त्योहार-होली

(4) विश्व योग दिवस का महत्त्व (21 जून)

प्रश्न 2 अपने मित्र को नववर्ष की बधाई देते हुए एक बधाई पत्र लिखिए।

प्रश्न 3 विद्यालय के प्राचार्य को स्थानांतरण प्रमाण-पत्र हेतु एक प्रार्थना पत्र लिखिए।

प्रश्न 4 निम्नलिखित शब्दों के तीन-तीन पर्यायवाची शब्द लिखिए-

सूर्य, पृथ्वी, समुद्र, राजा, फूल, पहाड़, अमृत, आकाश, अग्नि, गणेश, मित्र, वृक्ष, चंद्रमा, दिन, रात

प्रश्न 5 सामयिक परीक्षा (PT-1) के पाठ्यक्रम से संबंधित पाठों को पढ़ेंगे और याद भी करेंगे। (1 से 3 पाठ)

प्रश्न 6 अपनी मल्हार पुस्तक में से कोई 4 कविताएँ लिखेंगे और याद भी करेंगे।

प्रश्न-7 सामयिक परीक्षा (PT-1) में आने वाले पाठों की शिक्षार्थी डायरी भी बनाएंगे। (1 से 3 पाठ)

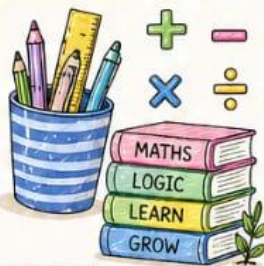
CLASS 7 - MATHEMATICS

SUMMER HOLIDAY HOMEWORK

MAY - JUNE 2026

Think • Practice • Solve • Excel! ♥

Maths makes your mind sharp and your future bright!



SECTION A - NUMBER SYSTEM

1. Task 1: Number Exploration

Write any 10 numbers (up to 10,00,000).

For each number:

- ★ Write number name
- ★ Write expanded form
- ★ Find place value of any one digit

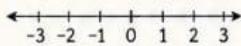
Number	Number Name
2,45,678	Two lakh forty five thousand six hundred seventy eight
$2,00,000 + 40,000 + 5,000 + 600 + 70 + 8$	
Place value of 6 = 600	

2. Task 2: Integers

Represent integers on number line.

Solve:

- ★ Addition of integers
- ★ Subtraction of integers



3. Task 3: Fractions & Decimals

Solve:

- ★ Addition and subtraction of fractions
- ★ Conversion between fractions and decimals

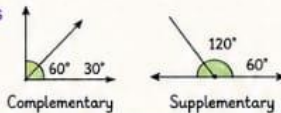


SECTION D - GEOMETRY

8. Task 8: Lines & Angles

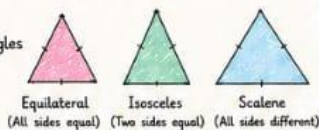
Draw and label:

- ★ Complementary angles
- ★ Supplementary angles



9. Task 9: Triangles

Draw different types of triangles and write their properties.



SECTION F - REAL LIFE MATHS

11. Task 11: Shopping Activity

Prepare a bill of 6 items.

Calculate:

- ★ Total cost
- ★ Discount (if any)

Item	Price (₹)
Notebook	40
Pen	20
Pencil	10
Eraser	10
Sharpener	10
Ruler	20
Total	₹110
Discount	10%
Payable Amount	₹99

12. Task 12: Budget Planning

Plan a weekly budget.

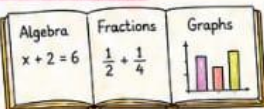


SECTION H - PROJECT WORK

15. Task 15: Maths Scrapbook

Make a scrapbook including:

- ★ Algebra
- ★ Fractions
- ★ Graphs



16. Task 16: Maths Around Me

Observe and write:

- ★ Use of maths in daily life
- ★ Shapes around you



SECTION B - OPERATIONS

4. Task 4: Rational Numbers

Perform operations:

- ★ Addition
- ★ Subtraction
- ★ Multiplication

$$\frac{3}{4} + \frac{2}{5} = \frac{23}{20}$$

$$\frac{7}{6} - \frac{1}{3} = \frac{5}{6}$$

$$\frac{2}{3} \times \frac{3}{5} = \frac{2}{5}$$

5. Task 5: Simplification

Solve expressions using BODMAS.

$$24 \div 3 + 5 \times 2 - 4$$

$$= 8 + 10 - 4$$

$$= 14$$

SECTION C - ALGEBRA

6. Task 6: Algebraic Expressions

Write and simplify algebraic expressions.

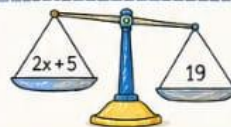
Example: $3x + 5x - 2x + 7$

7. Task 7: Simple Equations

Solve linear equations.

Example: $2x + 5 = 19$

$$x = ?$$



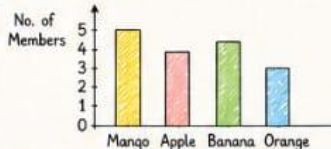
SECTION E - DATA HANDLING

10. Task 10: Data Collection

Collect data from your family (e.g., favourite fruits).

Represent the data using a Bar Graph.

Fruit	No. of Family Members
Mango	5
Apple	3
Banana	4
Orange	2



SECTION G - THINKING SKILLS

13. Task 13: Word Problems

Solve real-life based problems.

Example:

A shopkeeper buys 12 pens for ₹120 and sells them at ₹12 each. Find his profit or loss.



14. Task 14: Puzzles

Solve number puzzles.

Create your own puzzle.

2	7	6
9	5	1
4	3	?



SUBMISSION GUIDELINES

- ✓ Maintain a neat and well-organized notebook/file.
- ✓ Show proper steps in solutions.
- ✓ Use diagrams, colours and creativity.
- ✓ Practice regularly.
- ✓ Submit after holidays.

WHY THIS HOMEWORK IS SPECIAL

- ★ Builds strong mathematical foundation.
- ★ Improves logical reasoning.
- ★ Applies maths practically.
- ★ Makes learning meaningful and enjoyable!



Practice Today, Success Tomorrow! ♥

Social science

Write all answer in your new notebook.

Draw all maps by hand

Every question should be start from new page

1-Creat a weather (including all elements of weather)report of a week.

2-Mark and color the major rivers, mountains, deserts, and important cities of India on a political/physical map.(by hand only) do not paste.

3- Write the life story of maharani Laxmi bai in your own words, paste/draw pictures, and highlight their contributions.

4-Conduct a survey in your neighborhood on waste management or use of resources and prepare a short report with findings and suggestions.

5-make a chart (diagram) of fundamental rights.

6- complete your sst notebook, mdp and learner's diary.

Sanskrit

कक्षा (सप्तमी)

1 - लिख्, वद्, गम् धातु रूपाणि लट्लकारे, लङ्लकारे, लोट्लकारे, लृट्लकारे च स्मरन्तु लिखन्तु च।

2 - बालक, बालिका, नदी शब्दरूपाणि स्मरन्तु लिखन्तु च।

3 - संस्कृत भाषायां प्रतिज्ञा स्मरन्तु लिखन्तु च।

4 - संस्कृत श्लोक (5) स्मरन्तु।

5 - अपने नगर/ग्रामे (शहर या गाँव में) देखे जाने वाले 5 प्राकृतिक दृश्यों (वृक्षः, नदी, पक्षी, सूर्यः, पुष्पाणि इत्यादि) का वर्णन संस्कृत शब्दों में कीजिए।

Arts

Drawing

Draw and color Still Life (fruits, utensils)

Practice light & dark shading

Activity

Make a Poster on “Save Nature”

Try Warli Art (basic figures)

Project Work

Topic: Folk Art of India

Paste pictures (Warli, Madhubani, etc.) and write short notes

Vocational Education

Learn all questions and complete the activity on Plant Nursery.

Computational Thinking and Artificial Intelligence

Complete all this homework in your AI fair copy

1. Define Artificial Intelligence. Give two real-life examples of where AI is used around you.
2. Write three differences between Human Intelligence and Artificial Intelligence.
3. What are the three domains of AI? Write one example of each.
4. What is Computational Thinking ?
5. What is Cyber Security and Types of Cyber attacks?

Science

PROJECT- Anyone of the following-a} Water Filtration System b} solar oven c) Electromagnetic Train:
d}solar powered car/wind turbine

Name of the student : _____

Roll no : _____ Class : _____ Date: _____

Section A: Multiple Choice Questions (MCQs)

1. Which of the following is an acid?

a) Vinegar b) Soap c) Baking soda d) Lime water

2. Which of these is a natural indicator?

a) Sugar b) Litmus c) Vinegar d) Water

3. A base tastes:

a) Sweet b) Bitter c) Salty d) Sour

4. Which of the following turns red litmus blue?

a) Lemon juice b) Vinegar c) Soap solution d) Orange juice

5. What is formed when an acid reacts with a base?

a) Only salt b) Only water c) Salt and water d) Gas and water

6. Which of these is used to treat an ant bite?

a) Hydrochloric acid b) Vinegar c) Baking soda d) Common salt

7. Phenolphthalein turns _____ in a basic solution.

a) Colorless b) Red c) Pink d) Yellow

8. Turmeric is:

a) An acid b) A base c) An indicator d) A neutral substance

9. Which of these is a mineral acid?

a) Citric acid b) Acetic acid c) Sulphuric acid d) Lactic acid

10. Neutral substances have a pH value of:

a) 7 b) 5 c) 3 d) 9

Section B: Assertion and Reason Question

(Choose: 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)

11. Assertion (A): Bases are used in making soaps. Reason (R): Bases have a slippery feel.
12. Assertion (A): Lemon juice turns blue litmus red. Reason (R): Lemon juice is a base.
13. Assertion (A): Baking soda is used to neutralize acid in the stomach. Reason (R): It is basic in nature.
14. Assertion (A): Red litmus paper turns blue in acidic solution. Reason (R): Acids turn blue litmus red.
15. Assertion (A): Turmeric paste turns red with a base. Reason (R): Turmeric is a natural indicator

Section C: Short Answer Questions

16. What are indicators? Give examples of two natural indicators.
17. What is acid rain ?
18. Write the differences between acids and bases (any three points).
19. What is a neutralization reaction? Write a word equation with an example.
20. How can you test whether a given substance is an acid or a base using turmeric?

Section D: Long Answer Questions – [5 marks each]

21. Describe the neutralization reaction with the help of an example.
22. Explain the role of acids and bases in everyday life with any four examples.
23. How do antacids work? What are their chemical properties?
24. List five common acids and five common bases along with their uses.
25. What happens during an acid-base reaction? Explain with an experiment you can do at home to observe this?