PM SHRI KV CRPF BIJNAUR, LUCKNOW (2025-26)

CLASS-8

HOLIDAY HOME WORK (Winter Break)

1. SUB- English Language and Literature

Instructions:

Complete this homework in your class work copy neatly and submit it to me when the school reopen

Q1. If you get a Magical Painting Brush what would you like to paint and why? Explain in 80 to 100 words.

Q2. You are Samridh/Samriddhi student of class 8. You are the member of cultural committee of your school. Your school is going to organise group song competition under CLA on upcoming Saturday. Write a Notice for the Notice Board inviting the participants from classes 6 to 8.

Q3. Write all questions answers of the lesson waiting for the rain in notebook.

Q4 Write an essay on

(a) Your Visit to Your Favourite Place in 100 words.
(b) Importance of good Health and Hygiene.

Clues: What is good health?

How can we be Healthy?

Eat home made food

Avoid Junk food

Good habits: regular meals, do excercise

Q5. Last week your school celebrated its Annual Day. Write a report about it to be published in school magazine. Outlines are given below:

Stage arrangement

Welcome of Chief Guest

Welcome speech by the Principal

Cultural Programmes

Prise Distribution

Closing Ceremony

Q6. Fill in the blanks with suitable options.

1. Miss Malini lives a ____ life.
2. Cows, elephants and goats are examples of _____ animals.
3. The arrow didn't injure the soldier as he was wearing an iron ____.
4. Many countries were facing an ____ imbalance due to the pandemic.

5. The photographer ____ the expressions of the bride.
6. The flag _____ in the strong winds.
7. A common saying, “unity in, ____”, expresses unity between diverse groups.
8. The team performed its ____ in the final match.
9. The plane ____ midway, and many were injured.
10. The maid ____ the floor twice a day.
11. _____ all students failed the surprise test.

- Complete your learner diary and MDP

2. विषय: – हिंदी

1. निम्नलिखित मुहावरों का वाक्य में प्रयोग कीजिए-

(क) अक्ल पर पत्थर पड़ना

(ख) आँखों का तारा

(ग) एड़ी-चोटी का जोर लगाना

(घ) कान पर जूँ न रेंगना

2.निम्नलिखित शब्दों पर्यायवाची शब्द लिखिए--

आकाश,बगीचा,दिवस,कोयल,गंगा,सरिता,चन्द्रमा,दिन,धरती,पत्ता,जगत,हवा,भागीरथी,रास्ता,घर,|

3. निम्नलिखित शब्दों के विलोम शब्द लिखिए-

अमृत,आयात,कोमल, न्याय, मँहगा, सुख, सद्बुद्धि सार्थक, विजय, बलवान, चल, उपस्थित, सजीव, आदान, सदाचारी

4.अपने शहर में ध्वनी प्रदूषण पर प्रकाश डालते हुए किसी समाचार पत्र के संपादक को पत्र लिखिए|

5.”पर्यावरण संकट” पर लगभग 100 शब्दों में अनुच्छेद लिखिए |

6.सुदामा और कृष्ण के बीच हुई बातचीत को संवाद के रूप में लिखिए |

7.अभी तक पढ़ाए गए पाठ के प्रश्नोत्तर और भाषा की बात की पुनरावृत्ति कीजिए।

3. MATHS

1. A square clock is hung in such a way that one diagonal is vertical. What is the angle between its diagonals?
   a) 45° b) 60° c) 90° d) 120°
2. The support structure of a flyover is in the shape of a quadrilateral with one pair of opposite sides parallel. The structure is a:
   a) Kite b) Trapezium c) Rhombus d) Rectangle
3. When a rectangular sheet is folded along its diagonal, two triangles are formed. These triangles are:
   a) Scalene b) Isosceles c) Right-angled d) Equilateral

2 MARKS QUESTIONS

1. The four angles of a quadrilateral are in the ration 3:5:7:9. Find the angles.
2. ABCD is a parallelogram in which ∠A = 110. Find the measures of the angles B,C, D respectively.

3 MARKS QUESTIONS

1. Find the measure of all the angles of the quadrilateral obtained by joining two equilateral triangles with sides 5cm. Name the quadrilateral formed and write a property that make it different from square.

Q2. Is it possible to construct a quadrilateral with three angles equal to 90^o and the fourth
angle not equal to 90^o? Justify your answer why and why not?

CASE BASED QUESTIONS (4 MARKS)

Q.1 A land surveyor marks a plot in the form of a parallelogram (ABCD). The adjacent sides measure 5 m and 4 m, and the angle between them is 30°.

(a) Find the measures of all the angles of the parallelogram.
(b) Write the length of the sides AB and BC with justification.

CHAPTER : 5

Q1. A number 39x52 is divisible by 3, where 'x' is a single digit. What is the maximum value of 'x'?

(i) 9 (ii) 8 (iii) 0 (iv) 7

Q2. Anuradha uses a 6-digit pin for her suitcase, which is 987342; its digital root is-

(i) 3 (ii) 33 (iii) 9 (iv) 6

Q3. The sum of 5 consecutive natural numbers is 35. What is the largest number?

(i) 6 (ii) 10 (iii) 11 (iv) 9

(VERY SHORT ANSWER- 2 MARKS EACH)

Q6 A shopkeeper gives lucky draw coupons numbered 234, 345 and 456 to three customers. By using divisibility rules, check which of these numbers is divisible by 9. (Show working)

Q7 The sum of 4 consecutive numbers is 30, what are these numbers.

(SHORT ANSWER TYPE- 3 MARKS EACH)

Q8 Find three consecutive numbers such that the first number is a multiple of 2, the second number is a multiple of 3, and the third number is a multiple of 4. Are there more such numbers? How often do they occur?

Q9 A railway ticket number is 5483.

The checker uses digital roots to quickly check divisibility.

i.	Find the digital root of 5483.
ii.	Using the digital root, check whether 5483 is divisible by 9.

(LONG ANSWER TYPE)

Q10 Mr. Suryakanta received electricity bills for four months, May, June, July and August. The bill amount is: 5832, 5745, 6180, and 5233, respectively.

(a) Find the digital root of each bill number. (2)
(b) Using the pattern, tell which bills are divisible by 9. (1)
(c) Give one reason why digital roots are useful in checking arithmetic calculations. (2)

SECTION -B

Q.1 A painter needs to paint two walls: one is 12 meters wide, the other is 15 meters wide. If the cost per meter is ₹25, calculate the total cost using the distributive property, not direct addition.

Q.2 During a trip, students travel 50 km by bus and 30 km by train each day for 5 days. Use the distributive property to find the total distance travelled. Show the steps.

Q.3 A school has 5 sections, each with 32 boys and 28 girls. Use distributive property to find the total number of students in the school. Show working.

SECTION -C

Q.4 A farmer wants to fence a rectangular field with length (2x + 4) m and breadth (x – 2) m. Find the area and perimeter using algebraic formulae, and explain each step

Q.5 If you add ₹100 to both price and quantity, how does the distributive property help you quickly find the total price?

SECTION -D

Q.6 A school plans a trip where students will travel by bus and train. The cost per student for the bus ride is ₹450 and for the train ride is ₹700. If

the number of students going on the trip is represented by 'n', answer the following:

(a) Use distributive property to write an expression for the total transport cost for all students.

(b) Calculate the total cost for 40 students.

(c) Explain why the distributive property is helpful in budgeting and planning trips, especially when the number of students changes.

CASE BASED QUESTIONS

Q.1 In a school park, a gardener is designing a flower bed in the shape of a quadrilateral. The shape has two opposite sides placed parallel to each other, while the other two sides are slanting but not parallel. To make the design look neat, he also marks one corner angle as 110°.



(a) Name the quadrilateral if two of it's adjacent angles are 110° and 70°, also find the sum of remaining two angles.

(b) If one of the remaining angles is 75°, find the measure of the fourth angle.

(a) opposite angle.

Q.2 A farmer wants to build a parallelogram-shaped plot of land for fencing purposes. He places four wooden poles at the corners to form the shape. The length of one pair of opposite sides of the plot is 26 meters and (3y-1) meters and the length of another pair of opposite sides are 3x meters and 18meters.

4. SUB: SCIENCE

1.Select ANY ONE topic from the Curiosity Science book
(Example: Ecosystem, Space, Microorganisms, Force & Pressure, Combustion, Synthetic Fibres, etc.)
Prepare ONE innovative presentation on your chosen topic using any ONE format:

- Option A: 3-D Model
(Using waste or low-cost material)
- Option B: Flip Book / Mini Book
- Option C: Comic Strip / Story Board
- Option D: Working Model / Demonstration

2.Observe a nearby place (park, garden, roadside)
Write:

1 producer
2 consumers
1 decomposer
Draw a simple food chain
3. Night Sky Observation (Space)
Observe the night sky on any two nights
Record:
Visible objects (Moon, stars, planets if any)
Shape of the Moon
Time and date
4.Create a poster / simple sketch / model showing:
Your smart home idea
How science makes it work
Labels & short explanations
Examples (Automatic light sensors, Rainwater recycling bin)
5.complete your MDP and learner's diary.

5. SUB: SOCIAL SCIENCE

Geography

• *Resource Mapping:* On a political map of India, mark and label significant resource locations:

A) Mineral Resources: Iron and steel hubs like Jamshedpur and Vishakhapatnam.
B) Industrial Hubs: Cotton textile centers like Mumbai and Ahmedabad.
C) IT hubs like Bengaluru and Noida.

• *Sustainable Model:* Create a working model of wind energy or a diagram showing rainwater harvesting.

• *Analytical Task:* Explain the importance of resource conservation .

History

• Timeline Project: Create a timeline of the chapter Colonial Era in India.

• National Movement Map: Mark centers of the Indian National Congress sessions (Surat, Calcutta, Bombay) on an outline map of India.

• Write a note on: Rani Lakshmi Bai, Begum Hazrat Mahal.

Political Science

1- Write a note on Election Commission of India.
2- Write in detail about the Model Code of Conduct.
3- Write the election process of President of India.
4- Explain the importance of Universal Adult Franchise in India’s Electoral system.

6. Sanskrit

१. पाठित्वा पाठं स्मरत।

पढ़ाए गए पाठों को याद करो।

२. प्रतिलकारस्य प्रयोगं कृत्वा पञ्चचत्वारिंशत् वाक्यानि लिखत।

प्रत्येक लकार का प्रयोग करके 45 वाक्य लिखो।

३. संस्कृते 1- 100 संख्या लेखनम् , स्मरणम् च।

संस्कृत में 1 से 100 तक संख्या लिखो और याद करो

४.शरीरस्य अङ्गानि स्फोरणपत्रे सचित्र निर्माणयतु।

चार्ट पेपर में शरीर के अंगो का नाम चित्र बनाओ।

५. अव्ययानां प्रयोगं कृत्वा 10 वाक्यानि लिखत।

अव्यय का प्रयोग करके 10 वाक्य लिखो।

नोट-प्रश्न चार को छोड़कर सभी कार्य संस्कृत की कॉपी में करना है।

7. Art Education

Draw any one Flower use with Pencil.

Draw any festival drawing use with colour.

Draw one warli painting.

8. Work Experience

Theme: Career Awareness & Skill Practice

1. Career Exploration

Choose any 1 vocational careers (ex: Chef, Electrician, Tailor).

Write 250–300 words:
* What skills are needed?
* Daily responsibilities.
* Why it interests you?

2. Practical Task
Learn one simple life skill (ex: folding clothes, tying knots, basic stitches).

Photograph or draw the steps.Write steps in 5 points.

3. Entrepreneurship Idea

* Create a simple idea: “Home-based mini business”.
* Prepare a one-page plan:

  * Product/Service
  * Materials needed
  * Cost
  * Price
  * Who will buy?