



CAMBRIAN PUBLIC SCHOOL

Kanke Road, Ranchi

Summer Assignment (Session 2026-27)

Class: VIII

General Instructions:

1. Complete all the questions neatly in your notebook / A4 size assignment sheet as instructed.
2. Maintain proper handwriting and presentation.
3. Revise the syllabus covered before attempting the assignment.
4. Submit the assignment on the first day after the Summer Vacation.
5. Parents are requested to guide and encourage their ward to complete the work independently.

Subject-English

Activity 1: Alternate Ending Comic Strip

Create a comic strip (6–8 panels) showing what came out of the door, the reaction of the princess, and the final consequence. Add dialogues in speech bubbles and use colours (Do it in A3 size paper)

Activity 2: Role Play / Dialogue Writing

Write a dialogue between the princess and the young man (10–12 lines) before the trial or prepare it for a role play. (Do it in your C.B notebook)

Activity 3: Model

Make a 3D model of the king's arena.

Activity 4: Adjective

Make a list of adjectives describing the characters. Include at least 10 adjectives and decorate creatively. (Do it in Grammar notebook)

Activity 5: News Report

Write a news report (80–100 words) with the headline 'Mystery in the Arena!'.(Do it in grammar no

Subject: Hindi



1. मेहनत का फल' इस शीर्षक पर 100 से 150 शब्दों में कहानी लिखिए।
2. किसी पुस्तक मेले के लिए आकर्षक विज्ञापन बनाइए।
3. नीचे कुछ स्थितियाँ और उनसे संबंधित प्रश्न दिए गए हैं। प्रश्नों का सबसे सटीक उत्तर कौन-सा है? इसके एक से अधिक उत्तर भी हो सकते हैं।
 - आपके पास किसी अनजान मोबाइल नंबर से फोन आता है "आपका महत्वपूर्ण पार्सल आया है इस हेतु आपके रजिस्टर्ड मोबाइल नंबर पर एक कोड आया होगा। उसे अपडेट कीजिए, तभी आपका पार्सल आप तक पहुँच पाएगा।" ऐसी स्थिति में आप क्या करेंगे?

प्रश्न -

- 1.पार्सल के बारे में पता करेंगे।
- 2.1930 नंबर पर कॉल करेंगे।
- 3.तुरंत कोड अपडेट करेंगे।
- 4.घबराकर निर्णय ले लेंगे।

उपर्युक्त स्थिति के आधार पर अपने मित्रों के साथ संवाद लेखन कीजिए और कारण बताइए कि आपने ये उत्तर ही क्यों चुने?

- उपर्युक्त सभी प्रश्नों के उत्तर उत्तर हिंदी व्याकरण कॉपी में लिखिए।

Subject: Sanskrit

I. मञ्जूषातः पदानि चित्वा रिक्तस्थानानि पूरयत ।

मञ्जूषा - (इतस्ततः, काकः, पाषाणखण्डानि ,पिपासितः, जलम्, उपायम्, उपरि, तृप्तः।)

पिपासितः काकः

एकस्मिन् वने एकः 1..... वसति स्म। एकदा ग्रीष्मकाले सः अतीव 2..... अभवत्। सः जलं पातुम् 3..... अभ्रमत्, परन्तु कुत्रापि जलं न प्राप्नोत्। अन्ते सः एकं घटम् अपश्यत्। घटे स्वल्पम् एव 4..... आसीत्। काकः जलं पातुम् असमर्थः अभवत्। काकः 5..... अचिन्तयत्। सः समीपस्थानि 6..... आनयत्, घटे च अक्षिपत्। एवं क्रमेण जलम् 7..... आगच्छत्। काकः सुखेन जलं पीत्वा 8..... अभवत्।

शिक्षाः - उद्यमेन एव कार्याणि सिद्ध्यन्ति, न मनोरथैः।

II कथां पठित्वा प्रदत्तप्रश्नानाम् उत्तराणि संस्कृतेन लिखत।

प्रश्न 1: काकः कीदृशः अभवत्?

प्रश्न 2: काकः जलं पातुम् कुत्र अभ्रमत्?

प्रश्न 3: घटे जलं कीदृशम् आसीत्?

प्रश्न 4: काकः घटे कानि अक्षिपत्?

प्रश्न 5: काकः किं पीत्वा तृप्तः अभवत्?

III. उपर्युक्त कथा पर आधारित एक सुन्दर चित्र का निर्माण कीजिए।

IV. तत् ,किम् सर्वनाम शब्द रूप को तालिका बनाकर लिखिए एवं याद कीजिए।

*** सभी प्रश्नों के उत्तर संस्कृत की कॉपी में बनाएं।**

Subject – Mathematics

- **Activity 1: Number Line Art**

Draw a giant colorful number line on chart paper.

Mark:

Positive integers

Negative integers

Fractions

Decimal numbers

★ Creative Twist:

Turn the number line into:

a road, a train track, or a river journey.

- **Activity 2: Perfect Square Detective**

Find perfect squares in your surroundings.

Example:

Tiles on the floor

Window grids

Chessboard

Notebook designs

Paste photos/drawings and explain why they are perfect squares.

- **Activity 3: Magic Square Puzzle:**

Create a 3x3 magic square using square numbers.

Rules:

Sum of each row, column, and diagonal should be the same.

Decorate creatively.

Advanced Challenge:

Use only square numbers.

- **Activity 4: Model Making:**

Make square and cube models using matchsticks/cardboard. Write edges, faces, vertices.

- **Activity 5: Math Scrapbook: Squares & Cubes in Daily Life** 📷

Include: Photos/drawings of:

1. Dice
2. Rubik's cube
3. Square floor tiles
4. Square parks
5. Cube-shaped boxes

Short explanation of where squares and cubes are used in real life.

● **Solve these problems:**

1. The least numbers which must be subtracted from 4360 to make it a perfect square is ____.
2. The greatest number of 4 digit which is a perfect square is _____.
3. The least square number which is exactly divisible by 10,12,15 and 18 is ____.
4. How many square numbers are there between 1 and 50 .
5. What is the sum of first six odd natural number?
6. The area of a square field is 8281 m^2 . Find the length of its side.
7. Is 900 a perfect square? How?
8. Find the smallest number by which 1800 must be multiplied so that it becomes a perfect square. Also find the square root of the perfect square so obtained.
9. Is 2352 a perfect square? if not, find the smallest number by which 2352 must be multiplied so that the product is a perfect square. Find the square root of new number.
10. Find the smallest number by which 3645 should be divided so as to get a perfect square. Also, find the square root of the number so obtained.
11. Find the cube root of 27000 by prime factorization method.
12. Find the square root of 39204
13. Find the greatest four digit number which is a perfect square.
14. For each of the following numbers, find the smallest number by which we divide it so as to get a perfect square. Also find the square root of the square numbers so obtained. (a) 37845 (b) 2800 (c) 45056
15. The students of Class VIII of a school donated Rs 2401 for Prime Minister National Relief Fund. Each student donated as many rupees as the number of students in the Class. Find the number of students in the Class.
16. What will be the units digit of the square of the following numbers?
(i) 39 (ii) 297 (iii) 5125 (iv) 7286 (v) 8742
17. How many non perfect square numbers are there between 9^2 and 10^2 ?
18. How many perfect square numbers are there between 10^2 and 100^2 ?

Note: All the worksheets are to be done on A4 size sheet of paper and to be submitted in a stick file on 08.06.2026

Subject – Science

Chapter: The Invisible Living World: Beyond Our Naked Eye

Academic Task: Competency-Based Questions

1) Disease Transmission and Prevention

Write a short paragraph explaining how diseases spread and the measures we can take to prevent them. Focus on modes of transmission like air, water, and vectors, as well as preventive habits like vaccination and hygiene.

2) Case Study: The Microscopic World

Sana is observing two different slides under a microscope. Slide A contains an organism that has a cell wall and chloroplasts. Slide B shows a single-celled organism that lacks a well-defined nucleus and appears to be shaped like a rod.

- Based on the description, is Slide A likely a plant cell or an animal cell? Give one reason.
- What type of microorganism is likely present in Slide B?
- Name the "control center" of the cell that is missing or poorly defined in Slide B.

3) Critical Thinking: The Bread Experiment

Aryan left a moist slice of bread in a dark, warm corner of the kitchen for three days.

On the fourth day, he noticed a greyish-white cottony growth covering the surface. a) Which group of microorganisms is responsible for this growth?

- How do the spores of this organism typically reach the bread?
- Why did the growth occur faster in a warm, moist place compared to a dry, cold refrigerator?

Activity Task: Creative Assignment

The Health Campaign: Slogan Writing

Create a visual display or a journal entry featuring three catchy slogans that promote cleanliness, hygiene, and disease prevention.

Guidelines:

- Ensure the slogans are easy to remember and impactful.

- Use bright colors and bold lettering in your notebook to make them stand out. • Example:
"Wash your hands, spread the word, not the germs!"

Submission Details

- Submit your written work in your science notebook after the holidays.
- Ensure all diagrams (if any) are labeled correctly with a pencil.

Subject: Social Science

1. Project Work: Compare the natural resources found in your state and the state of Telangana. Create a chart showing how they are used and whether they are renewable or non-renewable.
2. Trace the journey of the Koh-i-Noor and explain why it is still debated today and draw it.
3. Describe or present your summer vacation trip (2026) in the form of a written report or a documentary (video/Presentation).
4. On the outline map of India, mark the following. Jharia, Bailadila, Digboi, Bhadla, Sikkim
Draw the timeline of Delhi sultanate to Mughal and Maratha dynasty.

Subject: Computer

Case Based Question

1. Neha is networking engineer she was asked by company head to draw a diagram of different types of Computer network with significant properties. (In Chart paper, Using ART Integrated Learning).
 - PAN
 - LAN
 - WAN
 - MAN
2. How will you differentiate Peer to Peer network and client server network with diagram?
3. Explain different types of Cyber Security. (Critical Thinking)
 - Network Security
 - Application Security
 - Operational Security

- Disaster Recovery
- End User Education

4. How to remain safe Online? Explain in brief.
5. Explain different types of list in HTML5 with valid tags.
6. List all the valid tags used in HTML5.
7. Write the table properties in HTML5 to Improve its appearance?
8. Do all exercise questions of chapter 1 and 2 in your copy.

Subject: Japanese

1. Write all hiragana (あ-ん)
2. Write any 15 words in Japanese using hiragana. Write their meanings also.
3. Write your full name by using the Hiragana alphabet. **Activity: -**
1. Draw Kimono (Japanese traditional attire) and fill the design using hiragana letters as patterns. In an A4 size sheet.
