

**CLASS- IX (2023-2024)
HOLIDAY HOMEWORK**



English

- Moments** : Read the Ch. 1-4 and do minimum 10 extra Q/ans.(Short answer type) from each ch. (In assignment Notebook)
- Beehive** : Read the Ch. 1-4 and do minimum 10 extra Q/ans (Short answer type) from each ch.(In assignment Notebook)
- Poetry** : Read poem 1-4 and make a list of poetic devices used in the poems (A separate list for each poem on A4 size sheets)
- BBC Practice Work**
Reading : Practice 1-7 unseen passage in BBC Practice set 2
Writing : Do 1-5 Story Writing Questions & 1-5 Diary Entry Questions in BBC Writing module.
Grammar :Practice all the Editing exercises(error correction & omission both) in BBC Grammar module.
- Words & Expression**: practice Unit 1-4 in book itself
- Let's learn with creativity**:
 - Read any Story Book and write a **Book Review or Synopsis** of the book.
Design an attractive cover page also.
(Your own book must start with your own intro, about the author ;pic & description, diagrammatic Characters ,plot,your opinion , conclusion etc.)
 - **Make a working/non working model;**

- on : Tenses (roll.no.1-5)
- : Human teacher V/s Robotic teacher (roll no 6-10)
- : SDG's (roll.no.11-15)
- : Old schools v/s Futuristic schools(Margie's school,,roll no.16-20)
- : Any Story Demonstration (roll.no.21-25)
- : Prepositions (roll no 26-30)
- : Parts of Speech (roll no.31-35)
- : Antonyms (roll no 36-40)
- : A wall hanging (Determines/Moral values/learning objectives...(any one out of these)(roll no. 41-.....)

(You can use Thermocol sheets, cardboard, waste plastics sheet, or any other material to make the model attractive and innovative.

•Learn the syllabus done till date.

Hindi (क्षितिज भाग 1)

प्रश्न 1. ' दो बैलों की कथा ' और 'ल्हासा की ओर ' पाठ में से 10 अतिरिक्त(30-40शब्दों में) प्रश्नों का निर्माण कीजिए।

प्रश्न 2. ' कबीर की साखियां', सबद और ' वाख' काव्य पढ़कर उसमें से 10 अतिरिक्त (30-40शब्दों में) प्रश्नों का निर्माण कीजिए।

प्रश्न 3. ' दो बैलों की कथा' कहानी से संबंधित मॉडल तैयार कीजिए।

प्रश्न 4. कबीर दास जी के कोई पांच दोहे लिखिए। (सचित्र चार्ट बनाइए)

प्रश्न 5. उपसर्ग से संबंधित चार्ट तैयार कीजिए। (अनुक्रमांक 1 से 20 तक)

प्रश्न 6. प्रत्यय से संबंधित चार्ट तैयार कीजिए। (अनुक्रमांक 21 से 46तक)

प्रश्न 7. समास से संबंधित मॉडल तैयार कीजिए।

प्रश्न 8. जल संरक्षण, बिजली बचाओ , ध्वनि प्रदूषण को रोकने के लिए एवं ' दंत चमक' टूथपेस्ट की विशेषताएं बताते हुए सचित्र विज्ञापन तैयार कीजिए।

प्रश्न 9.निम्नलिखित विषयों पर लगभग 120 शब्दों में अनुच्छेद लिखिए ।

1. फैशन और आज का युवा वर्ग
2. नर एवं नारी शिक्षा एक समान

3. दिनचर्या में खेलों का योगदान

प्रश्न 10. निम्नलिखित विषयों पर पत्र लिखिए -

1. अपने विद्यालय के प्रधानाचार्य को पत्र लिखिए जिसमें कंप्यूटर शिक्षण की व्यवस्था कराने का अनुरोध किया गया हो।
2. आप से कक्षा की खिड़की का शीशा टूट गया है। कक्षा अध्यापक ने आप पर ₹200 का जुर्माना कर दिया है। जुर्माना माफ कराने के लिए विद्यालय के प्रधानाचार्य को पत्र लिखिए।
3. अभिनव शर्मा को दिल्ली कॉलेज ऑफ इंजीनियरिंग में प्रवेश पाने में मिली सफलता पर निखिल गुप्ता की ओर से बधाई पत्र।

SCIENCE

1. Prepare a model (working or non working) from any topic of science such as environment, pollution, transportation and communication, health and hygiene, agriculture, food resources or any other.
2. Solve twenty numericals which is based on average speed, average velocity, acceleration and three equations of motion.
3. Explain how will you separate Ammonium chloride and common salt using sublimation ?
4. All of us are familiar with LPG cooking gas cylinder used at home
 - a) What is the full form of L.P.G?
 - b) What is it composed of?
 - c) In what form gas is stored? What are the factors responsible for it?
 - d) What is the change observed when regulator is opened? Why?
5. Convert
 - a) 50C to Kelvin
 - b) 345 K to oC
6. At What temperature on the kelvin scale does ice melt? Draw a diagram to show set up of melting point of ice.
7. Revise all covered syllabus.

MATHS

1. Which of the following linear equations has $X = 1$ and $Y = 3.5$ as solution?
(a) $X + Y = 7$ (b) $x - 2Y = 8$ (c) $2Y - X = 6$ (d) $Y - X = 3$
2. If abscissa and ordinate of a point $P(m+4, 2m-1)$ are equal then find the m ?
3. If $(\frac{2}{3})^x (\frac{3}{2})^x = \frac{81}{16}$ find X

4. The value of $\frac{(32)^{0.2} + (81)^{0.25}}{(256)^{0.5} - (121)^{0.5}}$
5. Find the cost of leveling a triangular field having sides 325m , 300m , and 125m at the rate of Rs 2 per m²
6. The base of an isosceles right triangle is 30 c.m Find it's area
7. Find four solutions of $5x - 3y + 15 = 0$
8. If (1,3) is a solution of the equation $4x + \frac{7}{3}y = k$, What is the value of k²
9. Find a solution of the line $x + 2y = 8$ Which represents a point on x axis
10. If each side of an equilateral triangle is tripled then what is the percentage increase in the area of the triangle?
11. Solve $\frac{3\sqrt{2}}{\sqrt{3} + \sqrt{6}} - \frac{4\sqrt{3}}{\sqrt{6} + \sqrt{2}} + \frac{\sqrt{6}}{\sqrt{2} + \sqrt{3}}$
12. If $X = 3 + \sqrt{8}$ find the value $x^2 - \frac{1}{x^2}$, $x^2 + \frac{1}{x^2}$
13. In a right angle triangle the smaller sides are $x + 9$ cm and $2x + 3$ cm find its perimeter if its area is 54cm^2 .
14. Find the area of regular hexagon with side 10 cm. Also find its perimeter.
15. Make a project of Square root spiral (Roll number 1 to 15)
Find a minion by plotting coordinates (Roll number 16 to 30)
Mathematics Rangoli (Roll number 31 to 50).
16. prepare one mathematics game or puzzles using any mathematical concepts. (use thermacoal sheet or cardboard sheet)

SOCIAL SCIENCE

- 1) Make the working model/ Chart on the topics provided:
 - a) drainage system of India cardboard using clay.
 - b) model representing three sectors: primary, secondary and tertiary sector of economy.
 - c) working model of EVM.
 - d) presentation of different stages of French revolution.

- e) working model representing different layers of soil.
 - f) model of gullition machine used in **Reign of terror**.
 - g) working model of types of irrigation system used around the world.
 - h) using clay represent the Himalayan ranges
 - l) working model representing different states involved in election process.
- 2) Make 20 short questions each from the chapters taught till date in assignment notebook.
- 3) Do the map practice from Geography Ch-1, ch-2 and ch-3. Also paste the map in your assignment notebook.
- 4) Make project on **Disaster Management**.
- *The above project will be assessed for CBSE internal assessment.

INFORMATION TECHNOLOGY

Revise the units done till date.

1. Do the following questions in the assignment notebook:
- a. Name and explain the three methods to insert a table in open office writer.
 - b. A person wants to make a novel. Which processing softwares can be used for the same.
 - c. These are the best things one enjoys doing.
 - d. They are termed as “ areas of improvement” ,what we are not good at or do not well.
 - e. Read the following paragraphs and find who is confident :Naman or Anchal

Naman had difficulty in speaking English. He therefore, avoided talking to his classmates. He believed that he can learn English by joining English speaking classes and in few days he was able to speak English fluently.

Anchal ,was preparing for her final board exams .She feared that she will not get good marks in English because of her poor memory. This made her nervous before the exam and she actually got poor marks in the exam.

- f. _____ is the action of putting on clothes and _____ is the process of making yourself look neat, tidy and smart.
- g. The process of preparing a document is called _____
- h. The term word processing was invented by which company?
- i. Lines, arrows, symbols, stars, callouts, flowcharts can be inserted using which toolbar?
- j. What are the different types of sounds used in English pronunciation?
- k. A message can be misinterpreted because of ?
- l. Define the following terms by drawing open office writer screen with help of an example: Line spacing, Margins, Indentation, Orientation,
- m. Write all the shortcuts used in open office writer in a tabular form.

Project Work:

Roll No.	Topic
1 to 10	Make a block diagram showing various barriers of communication.
11 to 20	Make a cutout logo of any app (E-learning / Business networking app/Food delivery) , Mention their technology involved, features included.
21 to 31	Make a creative collage regarding self management skills.(Also define them)
31 to 40	Make a cutout logo of any app (UPI payment) , Mention their technology involved, features included.
41 onwards	Make a cutout logo of any app (health checkup and food planner) , Mention their technology involved, features included.

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