

SRI RAM KRISHAN DAV PUBLIC SCHOOL, SURIYA

SUMMER VACATION (HOLIDAY HOMEWORK)

SUBJECT – SOCIAL SCIENCE

Prepare a pictorial chart showing the classification of resources giving at least a suitable example of each category of resources

SUBJECT – HINDI

1. आपने ग्रीष्मावकाश कैसे बिताया, यह बताते हुए मित्र को एक अनौपचारिक पत्र लिखिए।
2. 'जल संरक्षण की आवश्यकता' विषय पर दो मित्रों के बीच हुए बातचीत को संवाद के रूप में लिखिए।
3. संधि, समास, मुहावरे और लोकोक्तियों के 10-10 उदाहरण लिखिए।
4. गर्मी की छुट्टियों में किए गए किसी यादगार अनुभव का चित्र बनाकर उसका वर्णन 10-12 वाक्यों में कीजिए।

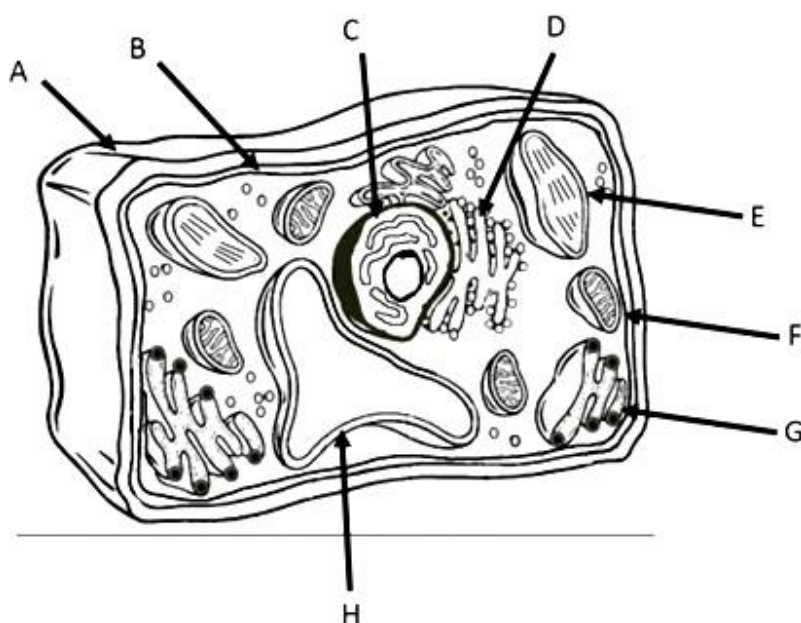
SUBJECT – SANSKRIT

पाठ:1,2,के सभी अभ्यास प्रश्नो को लिखें एवं याद करें।
व्याकरणं -राम् एवं लता शब्दरूपाणि लिखन्तु।
स्था एवं लिख् धातु रूपाणि लिखन्तु।(पंच लकारेषु)

BIOLOGY HOLIDAY HOME WORK (CLASS VIII)

1. QUESTIONNAIRE:

- Define: Chromosomes, Genes, Nucleoplasm, Cell Membrane, Plastids
- How do the cheek cells differ from the onion peel cells?
- Why is cell wall present in animal cells not in plant cells?
- Given below is a diagrammatic sketch of an electron microscopic view of a plant cell:
 - Label the parts indicated by the lines as A to H.
 - Which of the following organelles among A to H cannot be seen in animal cells?
 - How many mitochondria are shown in the diagram?
 - Mention one major function of D.
 - Which one is called as "Brain of the cell"?



- Solve the riddle and write the appropriate term against each statement.
 - I control the functions of a cell. Who am I?
 - I am like a policeman. I do not allow anything and everything to get in and out of the cell. Who am I?
 - I transfer characters from parents to offspring. Who am I?
 - I am a jelly-like substance spread throughout the cell. I provide a dequate area for all cell activities. Who am I?
 - I am the real powerhouse of the cell and responsible for cellular respiration. Who am I?
- Draw a well-labelled diagram of plant and animal cell.
- Each question consists of two statements, namely, Assertion (A) and Reason (R). For selecting the correct answer, use the following code:
 - Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
 - Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
 - Assertion (A) is true and Reason (R) is false.
 - Assertion (A) is false and Reason (R) is true.

- i. Assertion: Golgi Complex is called as powerhouse of the cell. Reason: Nucleus is considered to be the brain of the cell.
- ii. Assertion: In both plant and animal cells, the main area of cellular activities is cytoplasm. Reason: Various chemical reactions occur in cytoplasm to keep the cell in living state.
- iii. Assertion: Each organelle has a specific function in the cell. Reason: An organ is a group of tissues which perform a similar function.
- iv. Assertion: Leaves have green colour. Reason- Green colour plastids/pigments (Chlorophyll) are present in leaves.

2. REVISE AND COMPLETE THE EXERCISE QUESTIONS OF THE CHAPTER "THE CELL- ITS STRUCTURE AND FUNCTIONS" IN BIOLOGY NOTEBOOK.

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CLASS 8 PHYSICS HOLIDAY HOMEWORK

1. What do you mean by gravitational force?
2. Name the forces acting on a plastic bucket containing water held above ground level in your hand. Discuss why the forces acting on the bucket do not bring a change in its state of motion.
3. What is atmospheric pressure?
4. A man is pushing a cart down a slope. Suddenly the cart starts moving faster and he wants to slow it down. What should he do ?
5. What happens when (i) Two forces are exerted in same direction? (ii) Two forces are exerted in opposite directions?
6. If the area of your head is $15 \text{ cm} \times 15 \text{ cm}$, how much force air will exert on your head?
7. How can a force change the states of motion?
8. What are the two factors on which effect of force depends?
9. In the following situations identify the agent exerting the force and the object on which it acts.
State the effect of the force in each case.
 - (a) Squeezing a piece of lemon between the fingers to extract its juice.
 - (b) Taking out paste from a toothpaste tube.
 - (c) A load suspended from a spring while its other end is on a hook fixed to a wall.
 - (d) An athlete making a high jump to clear the bar at a certain height.

Summer Vacation (H.W) Chemistry Class 8

- 1) Prepare a modern periodic Table of the elements Long Form
- 2) Write the physical and Chemical properties of Metals and Non-Metals in details with suitable example.

SRK DAV SURIYA

CLASS 8

English Summer Holiday Homework

SECTION A: ENGLISH LITERATURE

Part 1: "Three Questions" (By Leo Tolstoy)

Short Answer Questions (20–30 words)

1. Why did the learned men give such different answers to the King's first question?
2. Why did the King decide not to give the reward to any of the wise men who came to his court?
3. What was the hermit doing when the King arrived? How did the King help him?
4. Who was the wounded man in the story, and why did he ask for the King's forgiveness?
5. How did the King and the hermit nurse the bleeding man back to health?

Long & Value-Based Questions (80–100 words)

1. **Diary Entry:** Imagine you are the King. Write a diary entry reflecting on your experience at the hermit's hut and how you finally discovered the answers to your three questions.
2. **Value Analysis:** "*The most important business is to do that person good.*" How did the King apply this lesson to his enemy? Discuss the value of compassion based on the chapter.

Part 2: "Granny's Tree Climbing" (By Ruskin Bond)

Short Answer Questions (20–30 words)

1. Why does the poet call his grandmother a "genius"? At what age did she last climb a tree?
2. What did Granny's relatives advise her to do as she grew older, and what was her snappy response?
3. What happened one day when everyone else was in town, and how was Granny rescued?
4. How did the doctor's recommendation of bed rest affect Granny? Why did she call it a "brief season in hell"?
5. How did the poet's father show his love and duty toward his mother?

Long & Value-Based Questions (80–100 words)

1. **Letter Writing:** Imagine Granny writes a thank-you letter to her son after moving into her new treetop house. Draft that short letter expressing her joy and gratitude.

2. **Poetic Devices:** Find and write down one example of **Personification** and one example of a **Simile** used by Ruskin Bond in the poem.

SECTION B: WRITING SECTION

1. **Notice Writing (50 words):** You are the Secretary of the Eco Club of your school. Draft a notice inviting students of Class 8 to join a "Tree Plantation Drive" during the summer break.
2. **Formal Letter (80–100 words):** Write a letter to the Editor of a national daily drawing attention to the poor maintenance, accumulated garbage, and broken swings in your local neighborhood park.
3. **Article Writing (100–120 words):** Write an article for your school magazine titled: "**Age is Just a Number: Cultivating Passions at Every Stage of Life.**" (Take inspiration from your reading of the poem *Granny's Tree Climbing*).

SECTION C: GRAMMAR SECTION

Topic 1: Tenses

Exercise A: Identify the Tense

Write the exact name of the tense for the underlined verbs in the following sentences:

1. The King had been waiting for the right answers for a long time.
2. Granny climbed her first tree when she was six.
3. By next week, the architect will have completed the treetop house.
4. The hermit is sowing seeds in the beds he dug yesterday.
5. My father has built a beautiful room on the tree.

Exercise B: Sentence Transformation

Do as directed in the brackets:

1. The wounded man fainted when he reached the King. (*Change to **Past Perfect Tense***)
2. Granny lives a peaceful life on the treetop. (*Change to **Present Perfect Continuous Tense***)
3. The King meets many wise men in his court. (*Change to **Future Continuous Tense***)
4. Rewrite this passage by changing it entirely into the **Simple Past Tense**:
"The King visits the hermit. The hermit digs the ground. He looks tired but he does not stop."

Exercise C: Error Spotting

Locate the error related to tenses in each sentence and rewrite the corrected sentence:

1. The doctor has prescribed bed rest to Granny two days ago.
2. While the King was talking to the hermit, a man has come running out of the woods.

Topic 2: Narration (Direct & Indirect Speech)

Dialogue Conversion & Visual Activity

1. Rewrite the following dialogue into a continuous paragraph of Indirect Speech:

King: *Why did you try to kill me?*

Bearded Man: *You executed my brother and seized my property last year. I wanted revenge.*

King: *I am sorry for your loss. I will restore your property immediately.*

2. Convert the following dialogue based on the poem into a continuous paragraph of Indirect Speech:

Granny: *Build me a house in a treetop immediately.*

Son: *I will start working on it tonight. Is that acceptable to you?*

Granny: *Yes, it will be a brief season of heaven for me.*

3. **Visual Chart Project:** Create a neat, colorful **Narration Rule Chart** on an A4 sheet showing how pronouns and time-words change when converting Direct Speech to Indirect Speech (e.g., *now* → *then*, *this* → *that*, *today* → *that day*, *yesterday* → *the previous day*).

Class - VIII

Sub - Maths

Q1 Find the Square root of:-

(a) $21\frac{51}{169}$

(b) 610.09

(c) 108241

Q2 Find the cube root:-

(a) 74088

(b) $\sqrt[3]{\frac{-64}{1331}}$

(c) 6859

Q3 Simplify:-

(a) $5x^{\frac{5}{7}} \times 6x^{\frac{1}{7}}$

(b) $\frac{x^{\frac{6}{5}}}{x^{\frac{1}{5}}}$

(c) $2x^{\frac{1}{6}} \times 2x^{\frac{7}{6}}$

Q4 Find the value of x.

(a) $8^{255} = (32)^x$

(b) $4^x - 4^{x-1} = 24$

(c) $\left[\left[(625)^{-\frac{1}{2}} \right]^{\frac{1}{4}} \right]^2 = 5^x$

(d) $2^{x-3} = 1$

Q5 Find -

(a) $\sqrt{4401604}$

(b) $\sqrt[3]{729}$

(c) $\sqrt{9408}$

(d) $\sqrt[3]{\frac{8}{125}}$

(e) $\sqrt[3]{3375 \times (-729)}$

(f) $\sqrt[3]{4^3 \times 5^3}$