RAO MOHAR SINGH MEMORIAL SR. SEC. PUBLIC SCHOOL

Winter Break Worksheet

CLASS- V

Subject: English

NAME :_____
CLASS:_____
ROLL NO. :_____

REMEMBER

* Neatness and hygiene are part of your routine.
* Holidays homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
* It's a perfect time to enhance your speaking skills and vocabulary by conversing in English with your family and siblings.
*Reading is essential for those who seek to rise above the ordinary. Spend your quality time with reading purposeful books.
* A beautiful handwriting makes a good impression. Practice one page of English and Hindi writing daily.
* Schedule your time for activities so that there is no piling up for the last moment.
* Holiday homework should be your authentic creative work.
* The marks of holiday homework will be included in your Term-2 exam. Kindly deposit the holiday homework.

READING SECTION

Q1. Read the passage carefully and answer the questions:

Trees play an important role in our life. They give us oxygen to breathe and keep the air clean. Trees provide shade during hot days and help bring rain. Many birds and animals depend on trees for shelter and food. Trees also give us fruits, wood, and medicines. Sadly, people are cutting down trees for buildings and roads. This causes pollution and climate problems. We must plant more trees and protect forests. By saving trees, we can make the Earth a healthier and safer place for future generations.

Questions:
a) Why are trees important for living beings?
b) Name any two things that trees provide us.
c) What happens when trees are cut down?
d) What should we do to protect the environment?
e) Give a suitable title to the passage.

2 **Read the passage carefully and answer the questions:**

Riya loved visiting her grandmother's house during the holidays. The house was near a small village and surrounded by green fields and tall trees. Every morning, Riya woke up to the sound of birds chirping. She helped her grandmother water the plants and feed the cows. In the evening, she played with village children and listened to her grandmother's stories. Riya felt happy and peaceful in the village and wished to visit it again soon.

Answer the following questions:

1. Where was Riya's grandmother's house located?
2. What sound did Riya hear every morning?
3. Name two things Riya did in the village.
4. How did Riya feel while staying there?
5. Find a word from the passage that means quiet and calm.

WRITING SECTION

Q2. 1. Write an essay on "APJ Abdul Kalam." (100-150 words)
2. Write a letter to your cousin inviting them to spend winter holidays with you.

Q3. Picture Composition:
Look at the picture and write 5 sentences about it.

GRAMMAR SECTION

Q4. Fill in the blanks with suitable conjunctions (and / but / because / so):
1. He studied hard ____ he scored well.
2. I like winter ____ I dislike cold mornings.
3. She was tired ____ she finished her homework.
4. I did not go to school ____ I was ill.
5. Riya wanted to play ____ it started raining.

Q5. Use correct prepositions (in / on / at / under / behind):
1. The dog ran ____ the road.
2. We stayed ____ home due to fog.
3. The ball is ____ the table.
4. The cat is hiding ____ the chair.
5. My birthday is ____ Monday.

Q6. Punctuate the sentences:
1. winter is my favourite season
2. alas we missed the train
3. what a beautiful flower
4. rahul likes apples bananas and grapes

5. did you finish your homework

Q7. Identify the adverb and write its type:
1. She spoke politely. (_____)
2. The baby slept peacefully. (_____)
3. He ran fast. (_____)
4. We will meet tomorrow. (_____)
5. She sings sweetly. (_____)

Q8. Choose the correct word:
1. He is ____ than his brother. (tall / taller)
2. She ____ to school every day. (go / goes)
3. We ____ playing in the park. (is / are)
4. The sun ____ in the east. (rise / rises)
5. I have ____ apple. (a / an)

GULMOHAR SECTION

Q9. Write meanings of the following words-
   a) Privilege
   b) Redress
   c) Dignified
   d) Shunned

Q10. Answer the following questions-
   a) "I bowed gratefully, shook hands with Afzal and left."
      1.What emotion does the speaker show here?
      2. Why did the speaker shake hands with Afzal?
   b) What suggests that it is New Year's Eve?
   c) What does the speaker's wife do after she get back from the shop?
   d) What caused the storm?

Additional Work

Q11. Cursive Writing:
   Practice cursive writing – 10 pages in notebook.

Q12. Make a poster on any of the topics given below:
   i) Stop Pollution   ii) Say No to Plastic   iii) Road Safety rules

विषय हिंदी

प्रश्न 1.निम्न गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर लिखें।
मेरा नाम मीना है। गर्मी के दिनों में मौसा-मौसी जी हमारे घर रहने आए थे। उनकी बेटी का नाम सिया था। बेटे का नाम सौरभ था। वह बहुत शरारती था। हमारी कामवाली का नाम गौरी था। वह सबके लिए चाय लेकर आई। एक दिन अचानक बरसात होने से मौसम बहुत सुहाना हो गया था। मैं, मेरी बहन सिया, मौसी और सौरभ के

साथ छत पर खेलने गई। हम सब ने बरसात में बहुत मजा किया। शाम को पिताजी हम सब के लिए कचोरी और समोसा लेकर आए । सिया को कचौड़ी बहुत पसंद थी।

क.मीना के घर कौन रहने आया था ?
ख.सबके लिए चाय लेकर कौन आया ?
ग.मीना किसके साथ छत पर खेलने गई ?
घ.मीना के पिताजी क्या लेकर आए ?
ड.कचौड़ी किसको पसंद थी ?

प्रश्न:-2 कोष्ठक में दिए वाक्यांश के लिए एक शब्द लिखिए–

1. (जो कभी न मरे) – _____

2. (जिसका कोई अंत न हो) – _____

3. (जिसे क्षमा न किया जा सके) – _____

4. (जो दूसरों का भला करे) – _____

प्रश्न 3. 'उत्तर' शब्द के दो अलग-अलग अर्थों का प्रयोग करते हुए वाक्य बनाइए:
(क) अर्थ 1 (एक दिशा):

_____

(ख) अर्थ 2 (जवाब):

_____

प्रश्न-4 दिए गए चित्रों के समानार्थी शब्द लिखो।

2. चित्र देखकर शब्दों का समानार्थी शब्द चुनकर सही जगह तक खींच कर लाओ :

| खाना | डाल | नीड़ | लड़का | पात | पेड़ |

वृक्ष ....   शाखा ....

भोजन ....   पत्ता ....

बालक ....   घोंसला ....

प्रश्न-5 खाली स्थान भरो ।

i. ये पल जाते मुफ्त लाल _____की चीज प्राप्त करना चाहते थे।

।। लोग मुफ्त लाल को_____लगाकर श्रद्धांजलि देते थे।

प्रश्न -6 सही और गलत का चिन्ह लगाओ।

क.मुफ्त लाल स्वभाव से झगड़ालू थे।

ख.सिनेमा में बताया गया कि पहाड़ के कारण ही मानसून आता है।

प्रश्न- 7 नीचे दिए गए प्रश्नों के उत्तर लिखिए।

1. बारिश के मौसम में कवि को क्या-क्या करना अच्छा लगता था?

उत्तर

2. दादी मां से किस बात के लिए जिद की जाती थी ?

उत्तर

प्रश्न- 8 निम्नलिखित चित्र को देखकर पांच लाइन लिखे।

प्रश्न-9 दयालु शिकारी की कहानी लिखें।

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प्रश्न- 10 गतिविधि आधारित प्रश्न

1. विलोम शब्दों से स्कैपबुक तैयार कीजिए।
2. संज्ञा व उसके भेद पर आधारित एक चार्ट बनाइए ।

Maths

Q1:Multiple Choice Questions :
1. The area of a rectangle is found by:
   a) Length + Breadth   b) 2 × (Length + Breadth)
   c) Length × Breadth   d) Length ÷ Breadth
2. Which unit is used to measure area?
   a) cm   b) cm²
   c) ml   d) kg
3. The distance around a circle is called:
   a) Area   b) Radius
   c) Diameter   d) Circumference
4. If the side of a square is 6 cm, its perimeter is:
   a) 12 cm   b) 18 cm   c) 24 cm   d) 36 cm
5. Which of the following is used to measure volume?
   a) cm²   b) cm   c) litre   d) metre

Q2: True or False :
1. Area is the amount of surface covered by a shape.
2. The perimeter of a square is equal to 4 × side.
3. Diameter is half of the radius of a circle.
4. Volume tells us how much space an object occupies.
5. A rectangle and a square always have the same area.

Q3:Fill in the Blanks :
1. The area of a square is _____ × _____.
2. The perimeter of a rectangle is _____ × (length + breadth).
3. A circle has no _____ or _____.
4. Volume is measured in cubic units such as _____.
5. The line from the center to the boundary of a circle is called the _____.

Q4:Short Answer Questions:
1. Define area.
2. Write the formula for the perimeter of a rectangle.
3. What is the diameter of a circle if its radius is 7 cm?
4. Name any two objects that have volume.
5. Find the area of a square whose side is 5 cm.

Q5. Long Answer Questions :
1. Find the perimeter of a rectangular park whose length is 15 m and breadth is 10 m.
2. Find the volume of a cuboid whose length is 8 cm, breadth is 5 cm, and height is 4 cm.

Q6.Case Study Based Questions :
Case Study 1: Area & Perimeter
A rectangular garden is 12 m long and 8 m wide.
1. Find the area of the garden.
2. Find the perimeter of the garden.
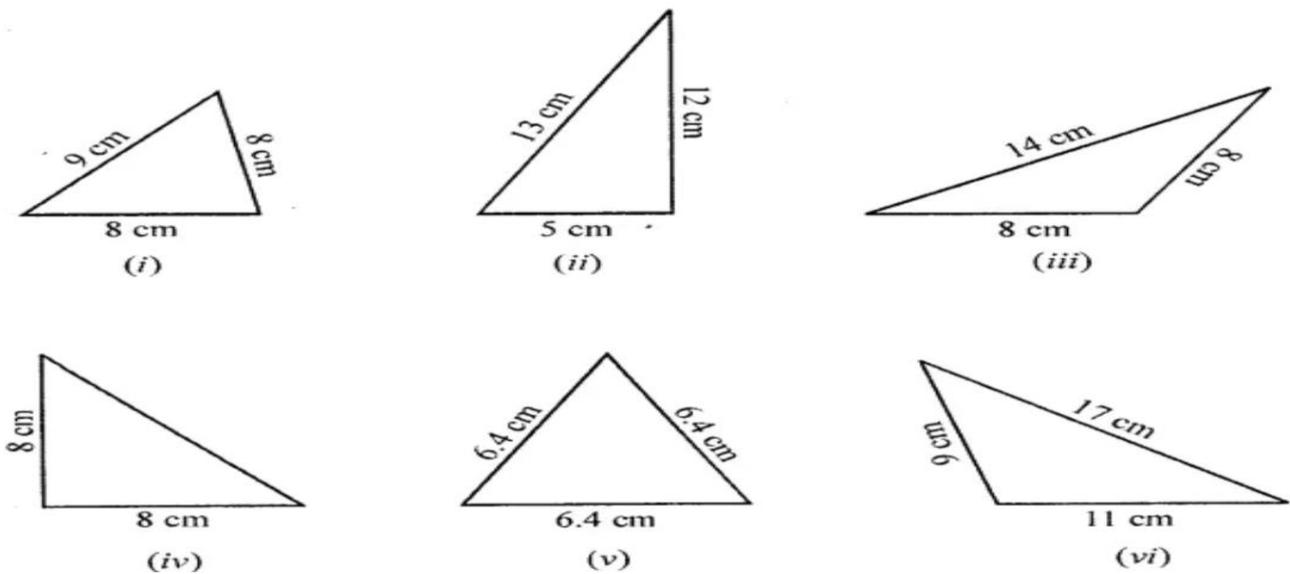**Case Study 2: Circle**
A circular clock has a radius of 14 cm.
1. Find the diameter of the clock.
2. Name the distance around the clock.

Case Study 3: Volume

A water tank is in the shape of a cuboid with length 6 m, breadth 4 m, and height 5 m.
   1. Find the volume of the water tank.
   2. Write the unit used to measure the volume.

Q 7: Name the triangles on the basis of their sides:

Q8: Diagram based Questions:

Type of Shapes

Write the number of **edges, faces** and **sides.**

a.

Edges:_____
Faces: _____
Sides: _____

Name: _____

g.

Edges:_____
Faces: _____
Sides: _____

Name: _____

b.

Edges:_____
Faces: _____
Sides: _____

Name: _____

h.

Edges:_____
Faces: _____
Sides: _____

Name: _____

Q9: Find the volume of the earth dug out from a pit 6.5m long,2.4 m wide and 1.5 m deep.

Q10: Make a model of two and three dimensional shapes.

Science

❖ **Multiple choice questions**

1. What is the main way we can reduce air pollution from vehicles?

a) Driving faster

b) Using cleaner fuels like CNG

c) Using more petrol

d) Burning more garbage

2. Which action helps prevent soil erosion on hills?

a) Deforestation (cutting trees)

b) Building dams

c) Terrace Farming (cutting steps)

d) Overgrazing

❖ **Fill in the blanks**

1. The 3 Rs for resource conservation are _____, _____, and _____.

2. Water, air, forests, and minerals are examples of _____ resources.

3. Coal, petroleum, and natural gas are _____ resources.

❖ **Short answer questions**

1. What are natural resources?

2. Name two renewable and two non-renewable resources.

3. Why is it important to save fossil fuels?

❖ **Long answer questions**

1. Make a concept map for different types of energies

2. Match the right answer

Column I	Column II
1) Air Pollution	A) Improper disposal of plastic waste
2) Water Pollution	B) Emission of harmful gases from factories
3) Soil Pollution	C) Loud noise from construction activities
4) Noise Pollution	D) Oil spills

❖ **Case study**
   1. **Food Chain**

A group of farmers in a village sprayed pesticides on their crops to kill pests. The pests were eaten by birds, which were then eaten by snakes. The snakes started dying, and the number of birds increased.

1. Why did the snakes start dying?
2. What happened to the number of pests? Why?
3. How can we maintain a balance in the ecosystem?

   2. **States of Matter**

Sita filled a balloon with air and put it in the freezer. After a few hours, the balloon had shrunk. When she took it out and left it at room temperature, it expanded again.

1. Why did the balloon shrink in the freezer?
2. What happened to the air inside the balloon when it was taken out of the freezer?

3. What does this tell us about the behavior of air when it's heated or cooled?

❖ **Picture based questions**

1.
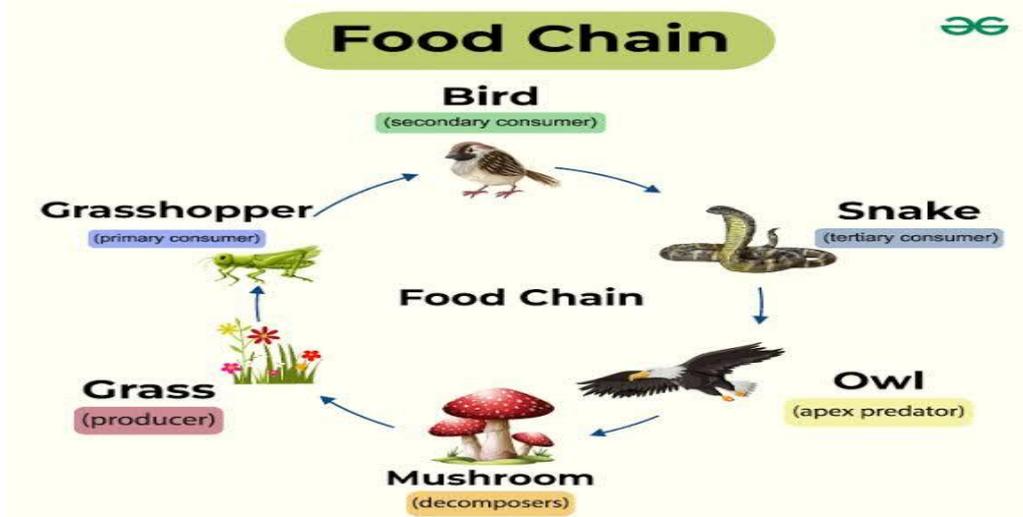
Identify the producer, consumer, and decomposer in this picture.

What would happen if one part of the food chain is removed?

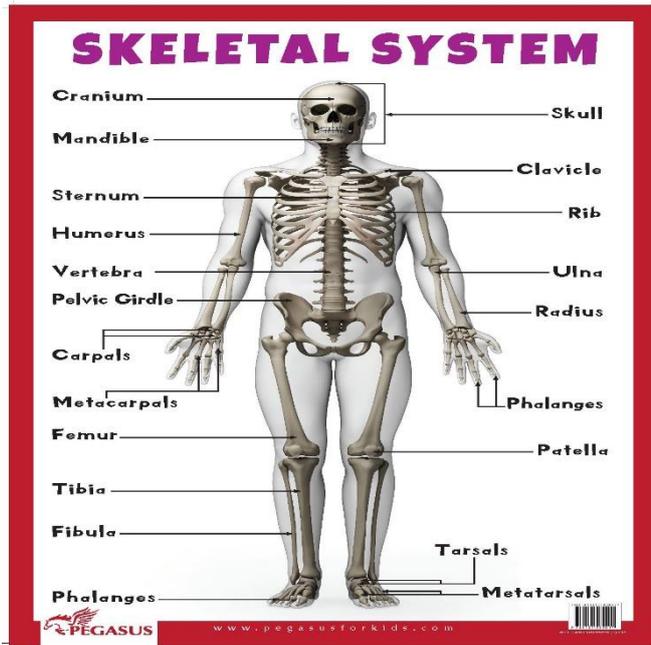2. **Classify the Lever: Look at a diagram of a claw hammer given below**

A: To which class of lever (1st, 2nd, or 3rd) does it belong?

B: Give another example of a tool that belongs to this same class of lever.

3. Look at the image below.

SKELETAL SYSTEM

Cranium — Skull
Mandible — Clavicle
Sternum — Rib
Humerus —
Vertebra — Ulna
Pelvic Girdle — Radius
Carpals —
Metacarpals — Phalanges
Femur — Patella
Tibia —
Fibula — Tarsals
Phalanges — Metatarsals

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A. Name the longest bone in the human body (indicated in the leg area)

B. Which part of the skeletal system protects the brain?

C. Identify the part labeled "ulna"

- Make a **model of rainbow using clay,** colours and cardboard etc.
- Make **model** of traffic signal light
- **PUZZLE**

1. The Beating Engine: I have four chambers and pump red fluid all day, even when you sleep. What am I?
2. The Flexible Protector: I cover your entire body. I change color if I am hit, and I flex when you move. What am I?
3. The Master Control: I am protected by a hard bone called the skull. I help you think, remember, and move. What am I?
4. The "R" Mystery: You can find me in Mercury, Earth, Mars, and Jupiter, but never in Venus or Neptune. What am I?
5. The Ringed Giant: I have rings made of ice and dust. I am so light that if you put me in a giant bathtub, I would float. What am I?

SUBJECT - SOCIAL STUDIES

Q1 MCQ

a) _____ has some of the biggest IT companies in the world.

a)US   b) West Asia

b)_____ causes global warming

a) carbon dioxide   b) carbon monoxide

Q2 Fill in the blanks

a. Better farming methods resulted in the _____.

b. cattle waste is used as _____ and for producing _____.

Q3 Short Question–Answers

     a) what do you mean by natural disasters ?

     b) Explain any three important cash crops in detail.

Q4 Long Question Answer

     a) Name some major industries in India . Explain any three in detail.

        Case Study: Natural Vegetation in India

Q.5. Case Study

     Read the passage and answer the following questions.

     India has different types of natural vegetation because of variations in climate, rainfall, soil, and landforms. Natural vegetation means plants that grow on their own without human help. In areas that receive heavy rainfall, such as the Western Ghats and parts of the North-East, dense forests grow. These forests are called tropical evergreen forests. Trees like teak, ebony, and bamboo are found here.

     In regions with moderate rainfall, tropical deciduous forests grow. These forests shed their leaves in the dry season to save water. Trees such as sal, neem, and peepal are common here. In dry regions like Rajasthan, thorny shrubs and bushes grow. Cactus and babul are examples of thorn forests. In hilly and cold regions, coniferous forests grow. Trees like pine, fir, and deodar are found there.

     Natural vegetation is very important for our environment. It provides oxygen, prevents soil erosion, gives shelter to animals, and helps in maintaining the balance of nature. Cutting forests leads to many problems such as floods, droughts, and loss of wildlife.

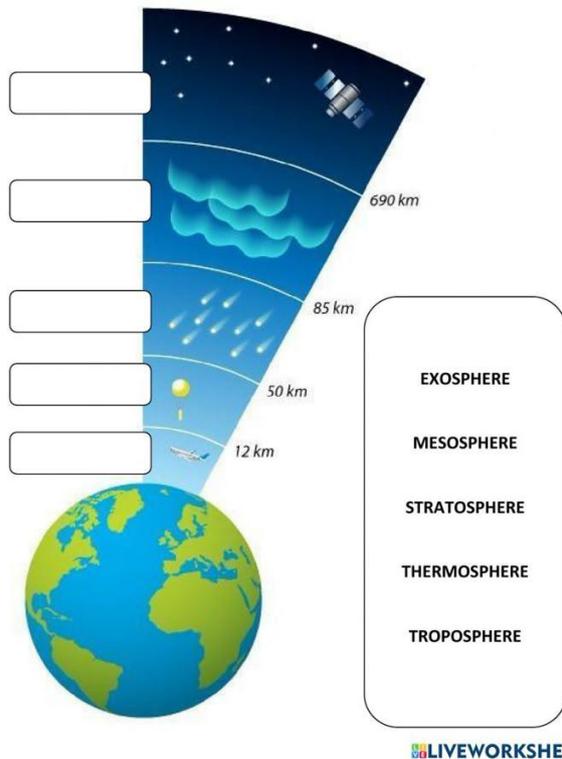   **Answer the following questions**

        1. What is meant by natural vegetation?

        2. Why does India have different types of natural vegetation?

        3. Name the show the type of forests found in areas of heavy rainfall.

        4. Write the name of any two trees found in tropical evergreen forests.

        5. What happens to trees in tropical deciduous forests during the dry season?

        6. Name two trees found in thorn forests.

        7. Which type of vegetation grows in cold and hilly regions?

        8. Write any two importance of natural vegetation.

Q6. Draw a diagram of water cycle on a chart paper

Q.7 Make a model of all the components of the environment existing together and also show their dependance on each other.

Q.8 Learn at least 50 new words from your social studies book and write them in your notebook.

Q.9 Label the picture give below

690 km

85 km

50 km

12 km

EXOSPHERE

MESOSPHERE

STRATOSPHERE

THERMOSPHERE

TROPOSPHERE

LIVEWORKSHEETS

Q.10 Map Work

a) On an outline map of India Mark the places where coal mines and petroleum oil fields are located used different symbols and colours to Mark those places

b) On the outline map of India show major cash crops producing states of India .

i) coffee   ii)Tea   iii) rubber

iv) jute   v) cotton   vi) sugar cane

CLASS- V (COMPUTER)

Q.1) Tick the correct option.

    a)   What is the shape of Boolean blocks?

    (i) Octagonal   (ii) Pentagonal   (iii) Hexagonal

    b) Which of the following is not a string variable?

    (i) I am a boy.   (ii) 12+12-24   (iii) Scratch

    c) C blocks are also called _____blocks.

    (i) Wrap   (ii) Big   (iii) Cute

Q.2) Fill in the blanks using the words given below:

    a.) _____blocks always come at the top of the script.

    b.) The data stored in the computer memory to get information from it later is stored in

    _____.

Q.3) Answer the following:-
   a) What is the purpose of email? What are the main parts of an email?
   b) What is the difference between Undo and Redo commands?
   c) What are Boolean blocks?
   d) What are Sensing blocks?

Q.4) Draw a computer system and label its main part on Chart paper.(Roll no-1 to 15)

OR

Collect the pictures of different generations of computer and paste it in the Chart Paper. (Roll no- 16 to 30)

Q.5) Write the full form.
   a) ALU   b) DVD c) RAM   d) ROM   e) LED f) PDF   g) LAN
   h) AI   i) CPU

Q.6) Application Based Questions.
   a) Riya's friend Joy visited her home in her absence. Which smart device she installed at her house that could give access to him enter the house?
   _____

   b) Sharda wants to buy a smart watch online. Explain how artificial intelligence help her to display the content of her choice.

   _____

Q.7) Case Study 1: Using a Computer Lab
   Riya and her classmates went to the computer lab for their computer period. The teacher told them to switch on the computer properly, handle the mouse and keyboard carefully, and never touch wires with wet hands. After finishing their work, they shut down the computer correctly.
Questions:
1. Why should students handle the keyboard and mouse carefully?
2. Why is it important not to touch computer wires with wet hands?
3. What should be done before leaving the computer lab?
4. Write one rule students should follow in the computer lab.

Case Study 2: Types of Computers
Aarav noticed that his father uses a laptop at home, his sister uses a tablet for online classes, and his school has desktop computers in the lab. All these machines help people to work faster and store information.
Questions:
1. Name two types of computers mentioned in the passage.
2. Which computer is commonly used in school labs?
3. Write one use of a computer.
4. Which computer is easy to carry and why?

General Knowledge

Q1 Multiple Choice Questions (MCQs)
(Choose the correct answer)
1. Which is the largest continent in the world?
   a) Africa   b) Asia   c) Europe   d) Australia

2. Who is known as the *Father of the Nation* in India?
   a) Jawaharlal Nehru   b) Subhash Chandra Bose   c) Mahatma Gandhi   d) Bhagat Singh

3. Which planet is known as the *Red Planet*?
   a) Venus   b) Mars   c) Jupiter   d) Saturn

4. The national animal of India is:
   a) Lion   b) Elephant   c) Tiger   d) Leopard

5. How many days are there in a leap year?
   a) 365   b) 364   c) 366   d) 360

Q2: Fill in the Blanks
1. The capital of India is _____.
2. The longest river in the world is _____.
3. The national flower of India is _____.
4. We breathe in _____ gas for survival.
5. The largest ocean on Earth is the _____ Ocean.

Q3: True or False
1. The Earth is the third planet from the Sun. ____
2. The Taj Mahal is located in Jaipur. ____
3. Plants make their food by photosynthesis. ____
4. The national bird of India is the Peacock. ____
5. A triangle has four sides. ____

Q4: Match the Following

Column A	Column B
1. Computer	a) Milk
2. Cow.	b) Japan
3. Mount Everest	c) Machine
4. Tokyo.	d) Highest mountain

Q5: Answer in One Word
1. Which festival is known as the Festival of Lights? _____
2. Who invented the telephone? _____
3. What do we call a baby frog? _____
4. Which shape has no corners? _____

5. Which organ pumps blood in our body? _____

Q6: **Newspaper Photo Pasting Activity** 📰📷
Instruction:
Cut and paste photos in Scrap book colorful from a newspaper related to the topic given below. Write 2–3 lines about it.

* 🌍 Environment
* 🏏 Sports
* 🚀 Science & Technology
*   Current Affairs
* 🐾 Animals & Nature

Q7 Picture Study – Famous Monument
Questions:

1.   Name the monument shown in the picture.
2.   In which city is it located?
3.   Who built the Taj Mahal?
4.   Why is the Taj Mahal famous?

Q8 Case Study: Clean India Mission
The Clean India Mission (Swachh Bharat Abhiyan) was started by the Government of India to keep our surroundings clean and healthy. It encourages people to throw waste in dustbins, avoid littering, and keep public places clean. Many schools organize cleanliness drives where students help in cleaning classrooms and school grounds. Clean surroundings help prevent diseases and make our country beautiful. Everyone should take responsibility to keep their home, school, and neighborhood clean.

Questions:

1.   What is the name of the mission mentioned in the case study?
2.   Who started the Clean India Mission?
3.   Why is cleanliness important?
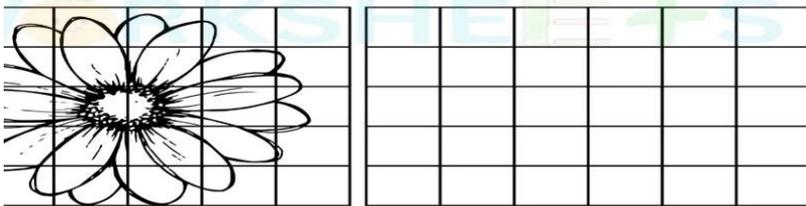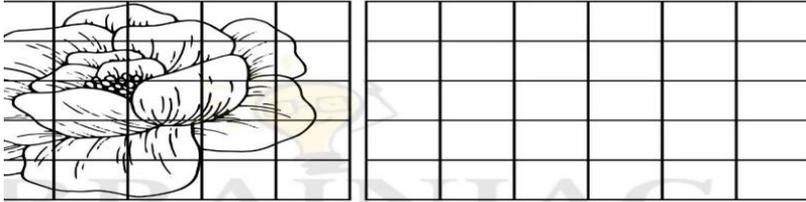4.   Write one way students can help keep their surroundings clean.

Art

Q1. Grid Art:

Q2. New Year Drawing & Colouring :

Draw and colour a **New Year celebration**

Q3. Free Choice Drawing :

Draw and colour **any one** of the following:

- My favourite flower
- My dream house
- A beautiful park
- My favourite cartoon character