



# DELHI PUBLIC SCHOOL GANDHINAGAR

**MY BUDDY**

Environmental Science

**CLASS 3**

**Academic session-2026-27**

NAME: \_\_\_\_\_

SECTION: \_\_\_\_\_

ROLL NO.: \_\_\_\_\_

## TERM 1 SYLLABUS

MONTH	CHAPTER	TEACHING METHODOLOGY	ACTIVITIES / PRACTICALS	LEARNING OUTCOMES [Value / Knowledge / Skill]	ASSESSMENT MAPPING	TOTAL PERIODS REQUIRED TO COMPLETE THE CHAPTER (HOURS)
APRIL & MAY	LESSON 1: Living And Non-Living Things	Sorting activity (living vs non-living objects) Observation method (real life examples)	CBE WORKSHEET	<b>Knowledge:</b> Differentiates living and non-living things <b>Values:</b> Develops care for living beings <b>Skills:</b> Classifies based on characteristics	HPC Domain of Learning Activities, Peer Assessment, Formative Assessment	10 periods (5 hours)
	LESSON 2: Parts of a Plant	Specimen study (plant observation) Diagram-based teaching	Garden visit to observe various parts of plants.	<b>Knowledge:</b> Identifies parts and functions <b>Values:</b> Develops respect for plants <b>Skills:</b> Labels and explains plant parts	HPC Domain of Learning Activities, Peer Assessment, Formative Assessment	12 periods (6 hours)
JUNE	LESSON 8: Air	Experiment based (air occupies space) Demonstration (uses of air)	Make a pin wheel (paper craft activity)	<b>Knowledge:</b> Understands properties of air <b>Values:</b> Develops awareness about clean air <b>Skills:</b> Observes and infers	HPC Domain of Learning Activities, Peer Assessment, Summative Assessment	8 hours (4 hours)
JULY	LESSON 9: Water	Activity-based learning (uses of water) Experiment based (states of water)	AIL- Make ice candies at home using water or milk, sugar etc.	<b>Knowledge:</b> Explains properties and uses <b>Values:</b> Develops water conservation habits <b>Skills:</b> Identifies states and uses	HPC Domain of Learning Activities, Peer Assessment, Summative Assessment	8 hours (4 hours)

LESSON14: Force	Demonstration (push and pull activities) Activity-based learning (simple experiments)	Fun games (show all the effects of force in one fun game.)	<b>Knowledge:</b> Understands force as push/pull  <b>Values:</b> Develops curiosity  <b>Skills:</b> Applies force in daily examples	HPC Domain of Learning Activities, Peer Assessment, Summative Assessment	6 periods (3 hours)
--------------------	--	--	---	--	------------------------

PT-1 SYLLABUS	LESSON1: LIVING AND NON-LIVING THINGS LESSON2: PARTS OF A PLANT					
AUGUST	LESSON15: Weather And Seasons	Observation method (daily weather chart) Audio-visual learning (seasonal changes)	SEA-Three-dimensional model on four types of precipitation.	<b>Knowledge:</b> Identifies weather and seasons  <b>Values:</b> Develops environmental awareness  <b>Skills:</b> Records and interprets weather	HPC Domain of Learning Activities, Peer Assessment, Summative Assessment	6 periods (3 hours)
SEPTEMBER	REVISION FOR HALF YEARLY EXAMINATION					
HALF YEARLY EXAM SYLLABUS	LESSON8: AIR LESSON9: WATER LESSON14: FORCE LESSON15: WEATHER AND SEASONS					

# LESSON-1: LIVING AND NON-LIVING THINGS

## I Competency Based Questions

Tick the correct option:

1. A plant kept in sunlight grows towards the light. This shows that:



- a. Plants are non-living
- b. Plants respond to stimuli (light)
- c. Plants do not need light
- d. Plants are made of wood

2. A child's toy car moves when pushed. Why is it still non-living?



- a. It does not grow
- b. It does not reproduce
- c. It don't need food
- d. All of the these

3. A bird lays eggs. Later, chicks come out of the eggs. This shows:



- a. Birds can fly
- b. Birds reproduce
- c. Birds are non-living
- d. Birds are made of feathers

4. Which activity best shows the difference between living and non-living things?

- a. Comparing two chairs
- b. Comparing two pencils
- c. Comparing a tree and a stone
- d. Comparing two books

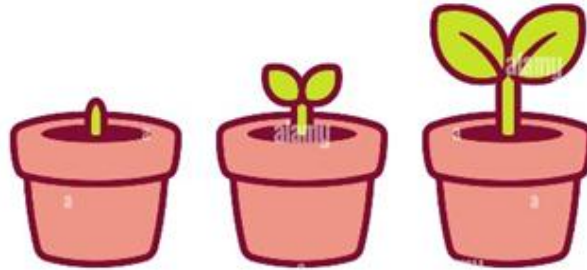
5. **Statement:** A mountain is a natural thing.

**Reason:** Mountains are formed by nature without human help.

- a. Statement is right but reason is wrong.
- c. Both statement and reason are right.

- b. Statement is wrong but reason is right.
- d. Both statement and reason are wrong.

6. What does the following picture shows-



- a. Living things move
- c. Living things grow

- b. Living things breathe
- d. Living things feel

7. Kriva is learning about how living things breathe. She knows that living things need air, but they do not breathe through all body parts. Living things do NOT breathe through:

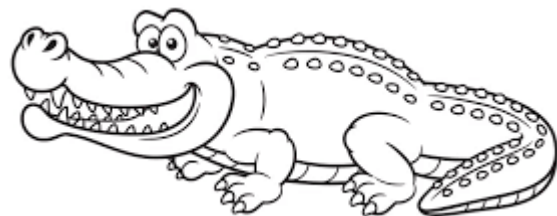
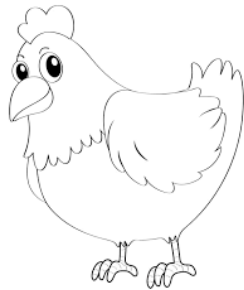
- a. Stomata
- b. Gills
- c. Nose
- d. Fins

8. Suraj saw a dog running on the road. Why was the dog moving from place to place?

- a. For food and water
- b. For shelter
- c. To get away from danger
- d. All of these

9. Riya is learning about how different animals reproduce. She observes that some animals give birth to babies, while others lay eggs. Which of the following gives birth to its young ones?

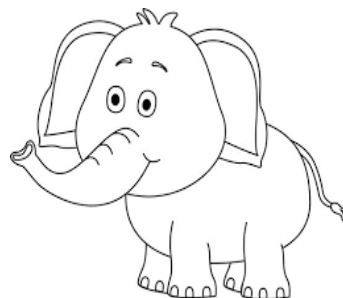
- a.
- b.



c.



d.



10. Aman touched a hot cup of tea and quickly pulled his hand back. This shows that living things can feel things around them. Living things feel through their:

- a. Breathing organs
- b. Sense organs
- c. Reproductive organs
- d. All of them

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. A chair is a living thing because it is made of wood.

Ans: \_\_\_\_\_

2. Animals can move on their own, so they are living things.

Ans: \_\_\_\_\_

**III Give Reason**

Fish die when taken out of water.

Ans: \_\_\_\_\_

**IV Give one word**

1. Tiny pores present on the surface of leaves. \_\_\_\_\_

2. The process by which living things produce young ones. \_\_\_\_\_

**V Case Based Questions**

**A boy observes that when a fish is kept in an aquarium, it constantly opens and closes its mouth and flaps the cover of its gills.**

1. Which organ helps in extracting oxygen from water?

Ans: \_\_\_\_\_

2. How do fins help the fish in the aquarium?

Ans: \_\_\_\_\_

**VI Source Based Questions**

**Living things have certain features such as growth, reproduction, respiration, and response to stimuli. Non-living things do not show these characteristics. For example, a seed can germinate into a plant when given water and sunlight, but a stone remains unchanged under the same conditions.**

1. Why is a stone considered non-living?

a. It cannot grow

b. It cannot reproduce

c. It cannot respire

d. All of the above

2. Which life process is shown by a seed in the passage?

a. Germination

b. Reproduction

c. Movement

d. Respiration

**VII Experiment Based Questions**

**Hold your nose for a few seconds.**

1. What do you feel?

Ans: \_\_\_\_\_

2. Why does this happen?

Ans: \_\_\_\_\_

## VIII **Computational Thinking Questions**

### Sequencing (Steps)

Arrange the steps of plant growth:

- a. Water the seed
- b. Seed grows into plant
- c. Put seed in soil

Write the correct order.

Ans:

---

---

---

## IX **LOOK AT THE FOLLOWING PICTURE AND ANSWER THE QUESTIONS-**



1. Which object / objects was/were having natural wings?

Ans:

---

2. Name some natural non-living objects.

Ans:

---

3. Name the human made things shown in the picture.

Ans:

---

## LESSON-2: PARTS OF A PLANT

### I Competency Based Questions

Tick the correct option:

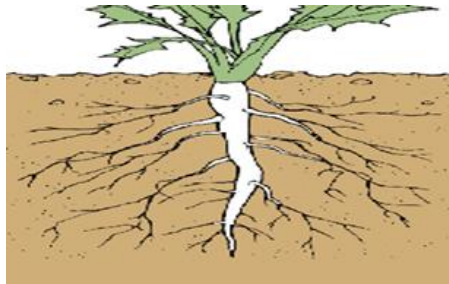
1. **Statement: Roots grow above the ground.**

**Reason: Roots absorb water from the soil.**

- a. Statement is right but reason is wrong.  
c. Both statement and reason are right.

- b. Statement is wrong but reason is right.  
d. Both statement and reason are wrong.

2. Identify the type of root shown here-



- a. Tap root                      b. Fibrous root                      c. Root branches                      d. None of them

3. If you are eating the following thing (potato), which part of plant are you eating?



- a. Stem                      b. Root                      c. Leaf                      d. Fruit

4. Which of the followings are the basic need of plants?

P – TEMPERATURE; Q – AIR; R – WATER; S - SUNLIGHT

- a. P and Q only                      b. Q and R only  
c. R and S only                      d. Q, R, S only

5. Which of the following part grows into seed?

a.



b.



c.



d.





### III Give Reason

Leaves are called the food factory of the plant.

Ans: \_\_\_\_\_

### IV Give one word

1. The process by which seeds grow into a new plant. \_\_\_\_\_
2. The process of making food by green plants. \_\_\_\_\_

### V Case Based Questions

**Riya ate a juicy mango and threw the seed in the garden. After a few days, with proper sunlight and water, a small plant started growing from the seed.**

1. What helped the seed to grow?

Ans: \_\_\_\_\_

2. Why are seeds important?

Ans: \_\_\_\_\_

### VI Source Based Questions

**Fruits grow from flowers and contain seeds inside them. Seeds are important because they can grow into new plants. Some fruits have one seed, like mango, while others have many seeds, like papaya, watermelon, orange. Seeds need air, water, and sunlight to grow. Animals and humans help in spreading seeds from one place to another. This helps new plants to grow in different places.**

1. What is found inside fruits?

a. Seed                                      b. Water                                      c. Soil                                      d. Air

2. Which fruit has one seed?

a. Papaya                                      b. Mango                                      c. Watermelon                                      d. Orange

3. Fruits grow from which part of the plant?

a. Root                                      b. Stem                                      c. Leaf                                      d. Flower

### VII Experiment Based Questions

**To show that plants release water- Show a plant with a transparent plastic bag tied around leaves.**

1. What do you see inside the plastic bag?

Ans: \_\_\_\_\_

2. Where did the water droplets come from?

Ans: \_\_\_\_\_

3. What process is shown in the picture?

Ans: \_\_\_\_\_

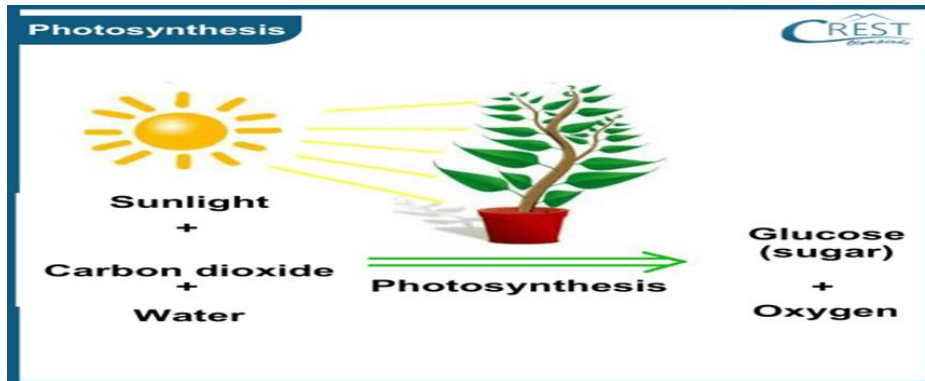
**VIII Computational Thinking Questions**

**Problem Solving**

A gardener wants healthy plants. Which action should he take?

Ans: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IX LOOK AT THE FOLLOWING PICTURE AND ANSWER THE QUESTIONS-**



**Q.1. What is photosynthesis?**

Ans. \_\_\_\_\_

**Q.2. Name the four things needed for photosynthesis?**

Ans. \_\_\_\_\_

**Q.3. Name the green substance present in leaves.**

Ans. \_\_\_\_\_

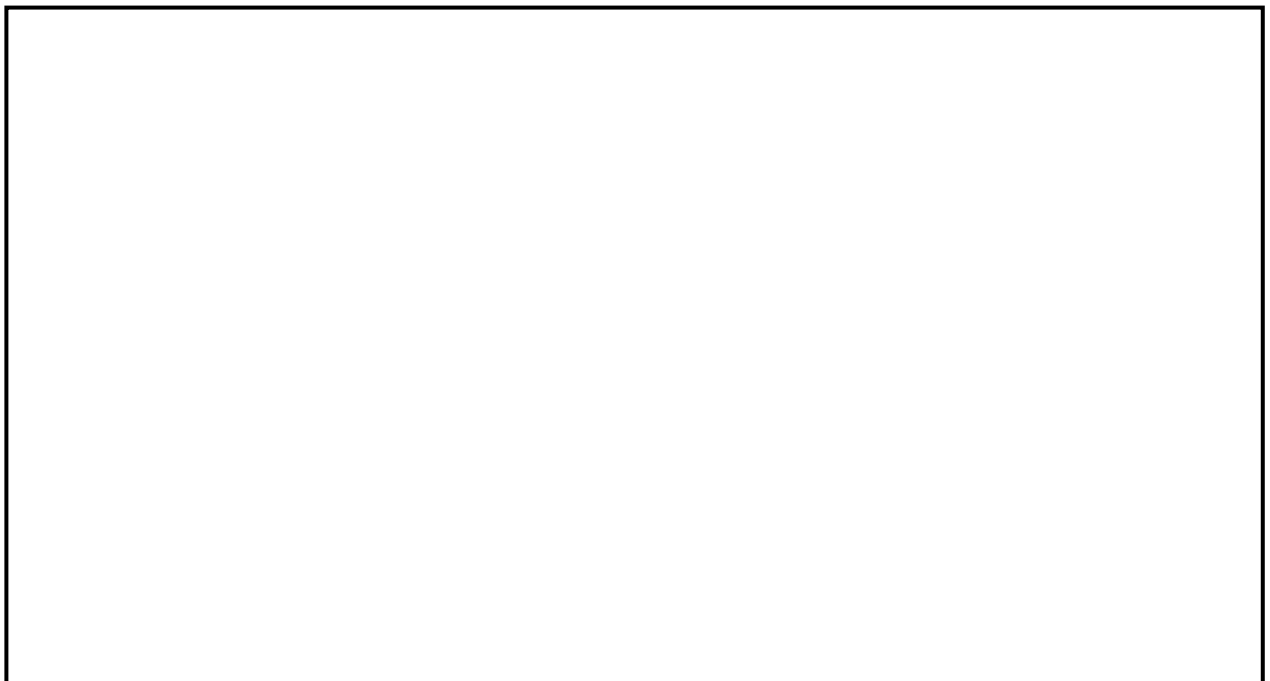
**Q.4. What are the things prepared by the plants?**

Ans. \_\_\_\_\_

**Q.5. What happens to the extra food prepared by plants?**

Ans. \_\_\_\_\_

**X Draw and label parts of a plant.**

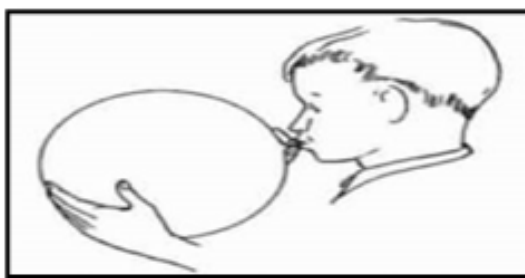


## LESSON-8: AIR

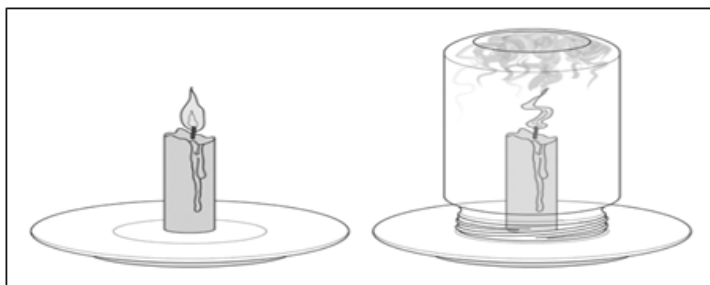
### I Competency Based Questions

Tick the correct option:

1. Which property of the air is related to the unflattening of the balloon?



- a. Air is invisible  
b. Air occupies space  
c. Air is tasteless  
d. Air has weight
2. Which gas of the air is exhaled by the animals?  
a. Carbon dioxide      b. Oxygen      c. Nitrogen      d. Smoke
3. Which of the following is not TRUE regarding the properties of air?  
a. Air has chlorophyll      b. Air has weight  
c. Air exert pressure      d. Air occupies space
4. A teacher covered a burning candle with a glass. After some time, the candle went out. What can we learn from this activity?



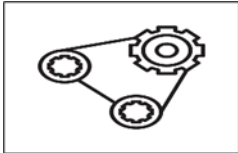
- a. Air has colour  
b. Air is cold  
c. Air is heavy  
d. Fire needs air to burn
5. **Statement: Air exert pressure.**  
**Reason: Air is visible.**  
a. Statement is right but reason is wrong.  
b. Statement is wrong but reason is right.  
c. Both statement and reason are right.  
d. Both statement and reason are wrong.
6. **Burning: Oxygen:: Photosynthesis: \_\_\_\_\_**  
a. Oxygen      b. Nitrogen      c. Carbon dioxide      d. Smoke
7. Rahul filled one balloon with air and left another balloon empty. The air-filled balloon felt heavier. What does this show?



- a. Air has mass                      b. Air is hot                      c. Air is dry                      d. Air has smell

8. Which of the followings picture need air to move.

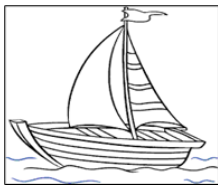
a.



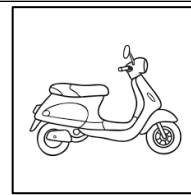
b.



c.



d.



9. Kayra saw that mountaineers carry oxygen cylinders while climbing high mountains. What is the best reason for this?



- a. Oxygen content decreases on higher altitude.  
b. Air is not present on mountains.  
c. Mountains are very steep.  
d. There is extreme cold on mountains.

10. Meera used a hand fan and felt cool. Why did she feel cool?

- a. The fan added water to the air.                      b. Moving air helped her feel cool.  
c. The fan removed oxygen.                      d. The fan produced smoke.

II Write True or False for each statement. If the statement is False, rewrite it correctly.

1. We can see air with our eyes.

Ans: \_\_\_\_\_

2. Moving air is called wind.

Ans: \_\_\_\_\_

### III Give Reason

Wet clothes dry faster under a fan.

Ans: \_\_\_\_\_

### IV Give one word

1. I am a wind that blows strongly. \_\_\_\_\_
2. The contamination of air due to pollutants. \_\_\_\_\_

### V Case Based Questions

**A factory near Meena's school releases smoke. Students often complain of headaches and watery eyes.**

1. What is happening to the air near the school?

Ans: \_\_\_\_\_

2. How does it affect the children?

Ans: \_\_\_\_\_

### VI Source Based Questions

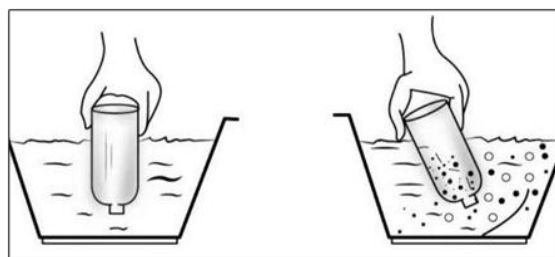
**Sara went to the farmhouse and saw the moving windmills. Windmills move by the air and produce electricity and run flour mills too. Air helps the movement of gliders, parachutes, airplanes etc. Air also helps with the dispersal of seeds and pollen in plants. Air is also needed for burning. To keep the air clean we should plant more trees.**



1. Sara saw windmills moving at the farmhouse. What makes windmills move?  
a. Water                                      b. Air                                      c. Fire                                      d. Soil
2. Windmills are used to produce —  
a. Smoke                                      b. Plastic                                      c. Electricity                                      d. Paper

### VII Experiment Based Questions

**Riya performed an activity in class. She filled a tub with water and pushed an empty bottle upside down into it. She noticed that water did not enter the bottle.**



1. Why did water not enter the bottle?

Ans: \_\_\_\_\_

2. What happened when the bottle was tilted?

Ans: \_\_\_\_\_

### VIII **Computational Thinking Questions**

#### **Decomposition (Breaking into parts)**

Riya notices that her classroom feels stuffy when all windows are closed. Break down the reasons why the air feels uncomfortable into smaller parts.

Ans: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### IX Look at the picture and answer the following questions:



1. Which type of pollution is shown in the given picture?

Ans. \_\_\_\_\_

2. Mention the two factors of this pollution.

Ans. \_\_\_\_\_

3. What if we breathe polluted air?

Ans. \_\_\_\_\_

## LESSON-9: WATER

### I Competency Based Questions

Tick the correct option:

- Riya kept a bowl of water in the sun. After some time, the water level became less. What caused this change?**  
a. Freezing                      b. Melting                      c. Evaporation                      d. Filtering
- Rahul placed a bottle of water in the freezer. What will happen to the water?**  
a. It will evaporate                      b. It will disappear  
c. It will become steam                      d. It will freeze into ice
- During summer, wet clothes dry faster because —**  
a. Water evaporates quickly in heat.                      b. Clothes absorb water.  
c. Air becomes solid.                      d. Sunlight freezes water.
- Meera poured water into an ice tray and kept it in the freezer. Later, she kept the ice cubes outside. Which sequence is correct?**  
a. Water → Ice → Water                      b. Ice → Water → Steam  
c. Steam → Water → Ice                      d. Water → Steam → Ice
- Krishva saw drops of water on the lid while boiling water. Why did this happen?**  
a. The lid melted  
b. The water disappeared  
c. Water vapour cooled and changed into water droplets  
d. The lid absorbed water
- Statement: Water vapour makes cloud.  
Reason: Clouds are the gaseous form of water.**  
a. Statement is right but reason is wrong.                      b. Statement is wrong but reason is right.  
c. Both statement and reason are right.                      d. Both statement and reason are wrong.
- What is the process shown in the given picture?**



- a. Freezing                      b. Melting                      c. Evaporation                      d. Condensation
- What is shown in the given picture?**



- a. Freezing                      b. Melting                      c. Evaporation                      d. Condensation

9. Air outside is \_\_\_\_\_ than the air in the freezer.  
a. greater                                      b. lesser                                      c. colder                                      d. warmer
10. Clouds are formed when water vapour in the air —  
a. Freezes into rocks                                      b. Cools and condenses  
c. Disappears completely                                      d. Changes into smoke

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. Water has a fixed shape.

Ans: \_\_\_\_\_

2. The sun plays an important role in the water cycle.

Ans: \_\_\_\_\_

**III Give Reason**

**Rahul took out a cold bottle from the refrigerator. After some time, water droplets appeared on it.**

Ans: \_\_\_\_\_  
\_\_\_\_\_

**IV Give one word**

1. The solid form of water. \_\_\_\_\_  
2. The continuous movement of water in nature. \_\_\_\_\_

**V Case Based Questions**

**Riya left a bowl of water in the sunlight. After some time, she noticed that the amount of water in the bowl had decreased. Later, dark clouds formed in the sky and it started raining. Her teacher explained that this is a part of the water cycle.**

1. Why did the water level in the bowl decrease?

Ans: \_\_\_\_\_

2. What helps water to evaporate?

Ans: \_\_\_\_\_

**VI Source Based Questions**

**Water is very important for all living things. We use water for drinking, cooking, bathing, washing clothes, and watering plants. The sun heats water from rivers, lakes, and seas, causing it to evaporate. Water vapour cools down and forms clouds. Later, water falls back to the earth as rain. We should save water by closing taps properly and using water carefully.**

1. Which of the following is NOT a use of water mentioned in the passage?  
a. Drinking                                      b. Cooking                                      c. watering plants                                      d. making plastic
2. Clouds are formed when water vapour —  
a. Freeze                                      b. Melts                                      c. Cools down                                      d. Disappear

## VII Experiment Based Questions

The teacher heated water in a pan. After some time, steam rose from the water. When a cold plate was held above the steam, tiny water droplets formed on the plate.

1. Steam is the \_\_\_\_\_ form of water.
2. Why did water droplets form on the cold plate?

Ans: \_\_\_\_\_

3. What does this experiment show?

Ans: \_\_\_\_\_

## VIII Computational Thinking Questions

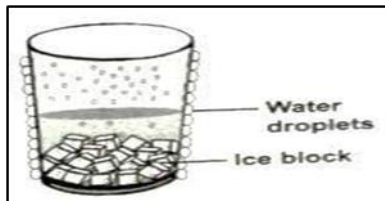
### Logical Reasoning

Riya's school collects rainwater in a tank and uses it for cleaning. What logical conclusion can you draw about how rainwater can be used?

Ans: \_\_\_\_\_

\_\_\_\_\_

## IX Look at the picture and answer the following questions:



1. The process by which the water droplets are formed on the outer surface of the glass.

Ans. \_\_\_\_\_

2. This picture shows that \_\_\_\_\_ is present in the air in the form of \_\_\_\_\_.

3. Water vapour is solid form of water. True / false

## X Draw a well labelled diagram of water cycle.

## LESSON -14: FORCE

### I Competency Based Questions

Tick the correct option:

1. What cannot be an impact of force?

a.



b.



c.



d.



2. What can a force do?

a. can move an object.

b. can change the speed of a moving object.

c. can change the shape of an object

d. All of the above

3. When we throw a ball up in the sky, it falls back due to \_\_\_\_\_.

a. Magnetic force

b. Muscular force

c. Elastic force

d. Gravitational force

4. A football lying on the ground starts rolling after Aman kicks it. Which type of force did Aman use?



a. Push

b. Pull

c. Magnet

d. Gravity

5. Mother pulls a drawer to open it. What action is she using?

a. Twist

b. Drop

c. Push

d. Pull

6. Statement: A force can stop a moving object.

Reason: Applying brakes stops a bicycle.

a. Statement is right but reason is wrong.

b. Statement is wrong but reason is right.

c. Both statement and reason are right.

d. Both statement and reason are wrong.

7. Friction: Helps in walking:: \_\_\_\_\_ : Pulls everything towards earth

a. Nature

b. Soil

c. Water

d. Gravity

8. To keep an object moving, the applied force should be \_\_\_\_\_ than the friction.  
a. lesser                      b. greater                      c. minimum                      d. equal

9. Which of these actions from the followings shows friction?

a.



b.



c.



d. All of the above

10. **Statement: Making chapatti with dough is a work.**

**Reason: The movement of an object by the application of force is called work.**

- a. Statement is right but reason is wrong.                      b. Statement is wrong but reason is right.  
c. Both statement and reason are right.                      d. Both statement and reason are wrong.

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. Playing carrom involves force. \_\_\_\_\_  
2. Force cannot decrease the speed of a moving object. \_\_\_\_\_

**III Give Reason**

A clay ball change shape when pressed.

Ans: \_\_\_\_\_

**IV Give one word**

1. The force by which the earth pulls things towards it. \_\_\_\_\_  
2. The force that stops or slows down a moving object. \_\_\_\_\_

**V Case Based Questions**

**Rahul and Tina were playing in the park. Rahul pushed the swing to make it move. Tina pulled her toy wagon filled with sand. Later, Rahul pressed a sponge ball and changed its shape.**

1. What did Rahul do to move the swing? (pulled or pushed)

Ans: \_\_\_\_\_

2. Pressing the sponge ball showed that force can:

- a. change colour                      b. change shape                      c. make sound                      d. melt objects

**VI Source Based Questions**

**Mahi loves cycling. She uses to do cycling daily for an hour. After this she feels exhausted and takes rest. She uses to have a glass of fresh juice with some dry nuts to refresh her again.**



1. Which force is used to paddle the bicycle?

Ans: \_\_\_\_\_

2. Which force helps the bicycle to slow down the speed?

Ans: \_\_\_\_\_

3. On which road will the speed of the bicycle be more, on a smooth road or on a rough road?

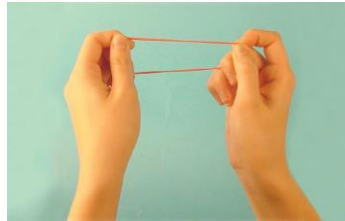
Ans: \_\_\_\_\_

4. Cycling do not need energy. (True / False)

Ans: \_\_\_\_\_

### VII Experiment Based Questions

Meena stretched a rubber band with her fingers. The rubber band became longer.



1. What action did Meena use?

Ans: \_\_\_\_\_

2. What did the force do to the rubber band?

Ans: \_\_\_\_\_

### VIII Computational Thinking Questions

Arrange the following from least force to most force needed:

- Lifting a pencil
- Pushing a chair
- Moving a cupboard

Ans: \_\_\_\_\_

### Picture Based Questions

IX Look at the picture and answer the following questions:



1. Which force is applied by the man in the above picture?

Ans: \_\_\_\_\_

2. Name the force found in between tire of the car and the road.

Ans: \_\_\_\_\_

## LESSON-15: WEATHER AND SEASONS

### I Competency Based Questions

Tick the correct option:

1. The weather of the day does not depend on \_\_\_\_\_.

- a. Cloud                                      b. Sun                                      c. Wind                                      d. People

2. Which season does this place experiencing?



- a. Summer Season                      b. Winter Season                      c. Spring Season                      d. Monsoon Season

3. Mehul is going to his grandmother's place for Diwali vacation, who lives in Ladakh. Which type of clothes he should pack for his trip?

- a. Cotton clothes                      b. Woollen clothes                      c. Shorts                                      d. Jute clothes

4. Statement: Droughts are harmful for humans, animals, and crops.

Reason: Too much rain causes drought.

- a. Statement is right but reason is wrong.                      b. Statement is wrong but reason is right.  
c. Both statement and reason are right.                      d. Both statement and reason are wrong.

5. Odd one out. (On the basis of precipitation)

- a. Rain                                      b. Snow                                      c. Hail                                      d. Dew

6. Hot winds and longer days are seen in summer season whereas snow fall and fog are part of \_\_\_\_\_.

- a. Spring season                      b. Autumn season                      c. Rainy season                      d. Winter season

7. Less rainfall: Drought :: Too much rainfall: \_\_\_\_\_

- a. Earthquake                      b. Flood                                      c. Drought                                      d. Landslide

8. The amount of carbon-dioxide in the atmosphere is \_\_\_\_\_ in the Winters than in Summers.

- a. more                                      b. less                                      c. equal                                      d. None of these

9. Aman saw dark clouds, lightning, and strong winds. What weather may happen next?

- a. Snowfall                                      b. Rain                                      c. Fog                                      d. Heat

10. Riya wore a raincoat and carried an umbrella before going to school. What was the weather most likely like?

- a. Sunny                                      b. Rainy                                      c. Windy                                      d. Snowy



**VIII Computational Thinking Questions**

Look at the clues:

- Long days
- Hot weather
- Cold drinks

Which season is being described?

Ans: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**IX Look at the picture and answer the following questions:**



1. Name the above picture and in which season people make this?

Ans. \_\_\_\_\_

2. Name two clothes and food items which are used in the above season.

Ans. Clothes- \_\_\_\_\_

Food items- \_\_\_\_\_

**X Draw a picture of your favourite season and write two lines about why you like it.**



- Q.7. Leaves are called the “kitchen of the plant” because they:**  
 a. Store toys                      b. Absorb water                      c. Hold the soil                      d. Make food

- Q.8. Fruits help plants by:**  
 a. Protecting seeds and helping them spread      b. Making food for the plant  
 c. Giving water to the plant                      d. Making the plant taller

**Computational Thinking Skill Question:**

**4x1/2  
=2**

- Q.9.** Tick (✓) the living things and cross (X) the non-living things.

Object	Answer
Fish	_____
Ball	_____
Rose Plant	_____
Pencil	_____

**Case Study Based Questions:**

**2x1=2**

A seed was planted in the soil. After a few days, tiny roots grew under the soil and green leaves appeared above the soil. The plant needed air, water, and sunlight to grow.

- Q.10.** Which part grew under the soil?

**Ans:** \_\_\_\_\_

- Q.11.** What does the plant need to grow?

**Ans:** \_\_\_\_\_

**Section B**

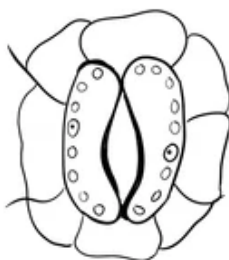
- I. Identify the statement and write true or false:**

**2x1/2  
=1**

- Q.1 Non-living things can grow on their own. \_\_\_\_\_  
 Q.2 Seeds are found inside fruits. \_\_\_\_\_

- II. Identify and name the given diagram:**

**1x1=1**



\_\_\_\_\_

## Section C

### I. Answer the following questions:

3x2=6

Q.1 Differentiate between living and non-living things with examples.

Ans:

Living things	Non-living things
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Q.2. **Give reason:** A plant is called a living thing.

Ans:

---

---

---

Q.3. **Experiment Based question:**

Riya placed a bean seed in wet cotton.  
After a few days, tiny roots and shoots appeared.



i. What is the function of roots? (one point)

Ans:

---

ii. What do seeds need to grow?

Ans:

---



# Delhi Public School, Gandhinagar

## Half yearly Mock Paper (2026-27)

**Class: III**

**EVS**

**Date: 00.00.2026**

**Time: 1 hour**

**M. Marks: 20**

**Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_**

### **General Instructions:**

- (i) There are 3 Sections in this paper.
- (ii) All questions are compulsory.
- (iii) Answer the questions as per the instructions.

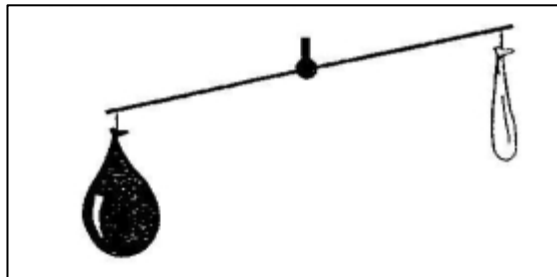
### **Section A**

#### **Competency Based Question-**

**20x1=20**

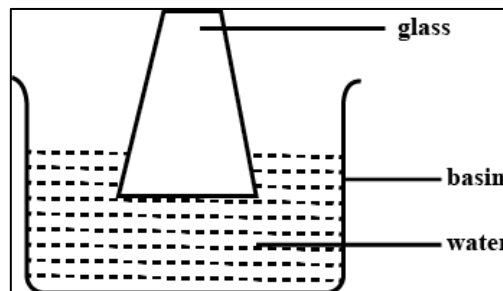
#### **I Choose the correct option:**

**Q.1. Riya filled two balloons. One balloon had more air and the other had less air. Which balloon became bigger?**



- a. Balloon with less air
- b. Balloon with more air
- c. Both stayed same
- d. Balloons cannot change size

**Q.2. Aman kept an empty glass upside down in water. Water did not enter the glass because:**



- a. The glass was too strong
- b. Air inside the glass occupied space
- c. Water was dirty
- d. The glass was heavy

**Q.3. Which activity shows that moving air is called wind?**

- a. Melting ice cream
- b. Flying kite
- c. Reading a book
- d. Drinking milk

**Q.4. Meera dried her clothes faster on a windy day. Why?**

- a. Wind adds color to clothes
- b. Moving air helps water dry quickly
- c. Wind makes clothes heavier
- d. Wind stops sunlight

**Q.5. Rohan kept a bowl of water in sunlight. After some hours, the bowl became almost empty. What happened to the water?**

- a. Water disappeared forever
- b. Water changed into water vapour
- c. Water became ice
- d. Water went inside the bowl

**Q.6. Why do we see tiny drops of water outside a cold bottle?**



- a. Water leaks from bottle
- b. Water vapour in air cools and changes into droplets
- c. Bottle produces water
- d. Ice melts outside only

**Q.7. What happens to water when kept in a freezer?**

- a. It becomes steam
- b. It disappears
- c. It changes into ice
- d. It becomes air

**Q.8. Which situation shows condensation?**

- a. Ice cream melting
- b. Water boiling
- c. Steam changing into water droplets
- d. Wet clothes drying

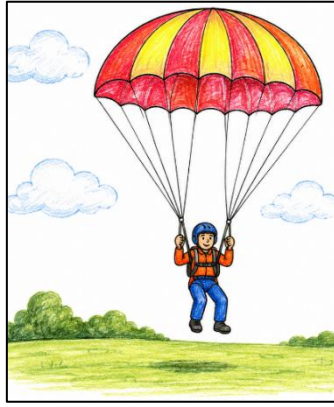
**Q.9. Which action is an example of pulling force?**

- a. Kicking a football
- b. Opening a drawer
- c. Pushing a wall
- d. Throwing a ball

**Q.10. A football stopped rolling after some time because:**

- a. The ball became tired
- b. Friction acted on the ball
- c. Air disappeared
- d. The ground moved away

**Q.11. Which force helps a parachute slow down while landing?**



- a. Magnetic force
- b. Friction from air
- c. Muscular force
- d. Gravitational force only

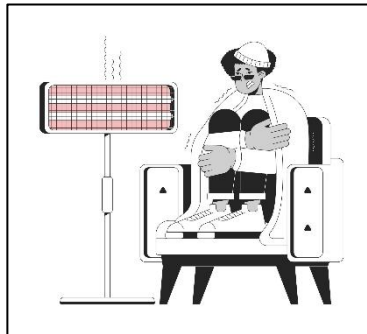
**Q.12. Why do people wear cotton clothes in summer?**

- a. Cotton keeps body cool by absorbing sweat
- b. Cotton makes body warmer
- c. Cotton is waterproof
- d. Cotton changes weather

**Q.13. Why do people drink more water during summer?**

- a. Body loses more water through sweat
- b. Water becomes sweeter
- c. Rainwater disappears
- d. Winter makes people thirsty

**Q.14. Simran wore woollen clothes and sat near a heater. Which season was it?**



- a. Summer
- b. Rainy season
- c. Winter
- d. Spring

**Q.15. Which weather condition can make roads slippery?**

- a. Bright sunlight
- b. Cold air only
- c. Rain
- d. Wind

**Q.16. Which of these activities shows that air occupies space?**

- a. A balloon inflating when air is blown inside.
- b. Clothes drying in the sun.
- c. A stone sinking in water.
- d. A fan rotating.

**Q.17. Statement:** We wear woollen clothes in winter.

**Reason:** Woollen clothes keep us warm in cold weather.

- a. Statement is right but reason is wrong.
- b. Statement is wrong but reason is right.
- c. Both statement and reason are right.
- d. Both statement and reason are wrong.

**Q.18. Force can change the direction of a moving object. Which example shows this?**

- a. A book kept on a table.
- b. A plant growing in sunlight.
- c. A clock showing time.
- d. A cricket bat hitting the ball.

**Q.19. Which of these is NOT an effect of force?**

- a. Changing the speed of an object.
- b. Changing the shape of an object.
- c. Changing the direction of an object.
- d. Changing the taste of food.

**Q.20. Which of these shows weather changing quickly?**

- a. Morning is sunny, afternoon becomes cloudy.
- b. Summer is hot, winter is cold.
- c. Trees grow taller every year.
- d. Rivers flow throughout the year.

**II. Computational Thinking Skills Questions**

**5×1=5**

**Q.21. Pattern Recognition**

**A toy car moves:**

- Far on a smooth floor
- Less on a rough carpet
- Far again on tiles

**What pattern do you notice?**

- a. Rough surfaces reduce movement.
- b. Smooth surfaces stop movement
- c. All surfaces are same.
- d. Carpets increase speed

**Q.22. Odd One Out**

**Choose the activity that is different from others:**

- a. Pulling a rope
- b. Opening a drawer
- c. Tug-of-war
- d. Kicking a football

**Q.23. If the temperature keeps increasing every day, what pattern is forming?**

- a. The weather is getting colder.
- b. The weather is getting hotter.
- c. The weather is staying the same.
- d. The weather is becoming windy.

**Q.24. Which of these shows logical reasoning about weather?**

- a. If it rains, roads become wet.
- b. If it rains, stars shine brighter.
- c. If it rains, the sun becomes hotter.
- d. If it rains, the sky turns red.

**Q.25. Decomposition:**

**Water is used in many ways. Which of these is a correct use of water by plants?**

- a. Breathing
- b. Drinking
- c. Washing clothes
- d. Making food in leaves

**III. Case Study Based Questions:**

**5×1=5**

**During the rainy season, Aarav collected rainwater in a clean bucket kept outside his house. His mother later used this water for watering plants.**

**Q.26. What did Aarav collect?**

**Ans:** \_\_\_\_\_

**Q.27. Using rainwater for plants is an example of:**

**Ans:** \_\_\_\_\_

**IV. Source Based Questions**

**During sports period, Kabir pushed a heavy table with all his strength, but it moved only a little. Then his two friends joined him, and together they pushed the table easily across the room. Their teacher explained that bigger force helps move heavy objects faster and more easily.**

**Q.28. Why could Kabir not move the table easily alone?**

**Ans:** \_\_\_\_\_

**Q.29. What helped the children move the table easily?**

**Ans:** \_\_\_\_\_

**Q.30. Why did the table move only a little at first?**

**Ans:** \_\_\_\_\_

**Section B**

**Do as directed-**

**I Give one word:**

**2×1=2**

Q.1. Water falling from clouds.

Q.2. The season with very hot weather.

**II. Identify the statement and write true or false:**

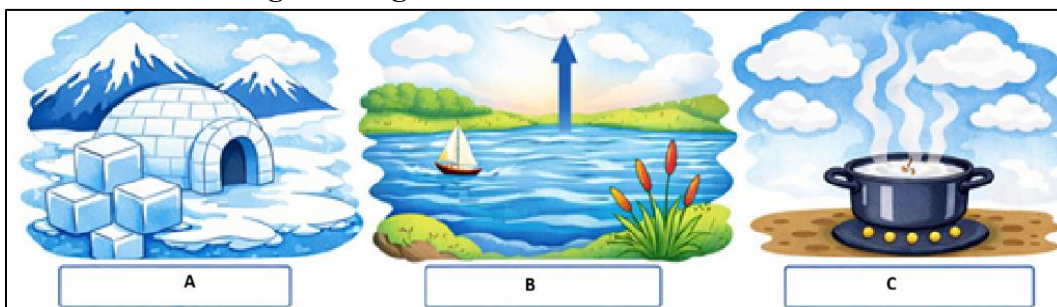
**2×0.5=1**

Q.1. Air occupies space.

Q.2. Friction helps moving objects speed up.

**III. Label A & C in the given diagram:**

**2×1=2**



**Section C**

**I. Answer in short:**

**3×2=6**

Q.1. What is the difference between a storm and a breeze?

Q.2. Define- a. Transpiration, b. Drought

Q.3. What are the effects of force?

**II. Answer in detail:**

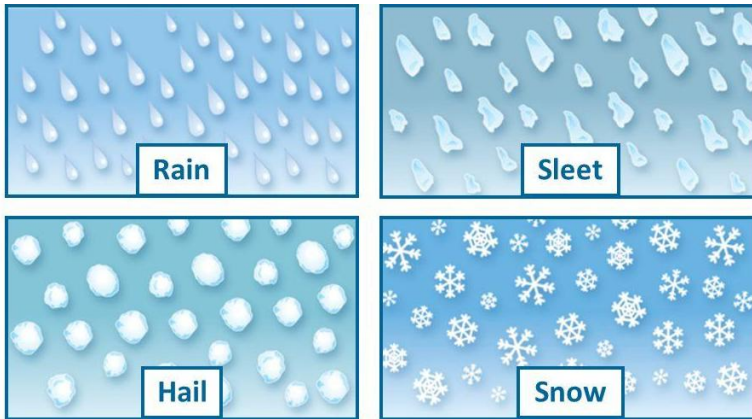
**3×3=9**

Q.1. **Give reason**

The amount of carbon dioxide in the atmosphere is less in summers than in winters.

Q.2. Write any three measures to prevent air pollution.

Q.3. **Observe the picture and answer the following questions.**



- a. Which type of precipitation falls as tiny balls of ice?
- b. What are crystals of ice called?
- c. What is sleet?

# **TERM - II**

TERM-II

MONTH	CHAPTER	TEACHING METHODOLOGY	ACTIVITIES / PRACTICALS	LEARNING OUTCOMES [Value / Knowledge / Skill]	ASSESSMENT MAPPING	TOTAL PERIODS REQUIRED TO COMPLETE THE CHAPTER (HOURS)
September & October	LESSON 3: Animals-Food and Feeding Habits	Classification activity (herbivore/carnivore/omnivore) Picture-based learning	Investigate Your Meal (Students observe their lunch, identify and list the items as plant or animal base.)	Knowledge: Identifies feeding habits Values: Develops empathy for animals Skills: Classifies animals	HPC Domain of Learning Activities Peer Assessment Formative Assessment	8 Periods (4 hours)
November	LESSON 5: Our Body	Demonstration of body parts and their functions Audio-visual learning using educational videos	Organ magnet matching game.	Knowledge: Identifies body parts and functions Values: Develops hygiene habits Skills: Locates and explains body parts	HPC Domain of Learning Activities Peer Assessment Summative Assessment	8 Periods (4 hours)
December	LESSON 10: Soil	Experiment based	SEA-Experiment to	Knowledge: Identifies	HPC Domain of	6 Periods

		(types of soil) Hands-on activity (soil observation)	check percolation of the 3 types of soil.	types and uses of soil Values: Develops care for environment Skills: Observes and compares soil	Learning Activities Peer Assessment Formative Assessment	(3 hours)
--	--	---	---	---	---	-----------

PT-2 SYLLABUS LESSON3: ANIMALS-FOOD AND FEEDING HABITS  
LESSON10: SOIL

January	LESSON12: Light	Experiment based (sources of light, shadow formation) Demonstration (transparent/opaque objects)	CBE WORKSHEET	Knowledge: Understands light and shadows Values: Develops curiosity Skills: Differentiates materials	HPC Domain of Learning Activities Peer Assessment Summative Assessment	6 Periods (3 hours)
	LESSON13: Sound	Activity based (sound-producing objects) Demonstration (vibration concept)	A LESSON Understanding various types of sound using musical instruments.	Knowledge: Sources of sound in daily life Values: Develops awareness about noise. Skills: Environmental Awareness	HPC Domain of Learning Activities Peer Assessment Summative Assessment	6 Periods (3 hours)

February	LESSON16 : Earth Sun & Moon	Model Lesson based learning (day/night demonstration) Audio-visual learning	Role Play – Solar Family	<b>Knowledge:</b> Explains day-night and basic celestial bodies <b>Values:</b> Develops curiosity about space <b>Skills:</b> Basic solar system awareness	HPC Domain of Learning Activities Peer Assessment Summative Assessment	8 Periods (4 hours)
	Map Work (India)	Drill method practice (regular map labeling) (locating states)	Mark- Gujarat State, Metropolitan Cities & Water Bodies that surround Indian Subcontinent.	<b>Knowledge:</b> Identifies key features of India <b>Values:</b> Develops national awareness <b>Skills:</b> Locates and labels on map	HPC Domain of Learning Activities Summative Assessment	2 Periods (1 hour)
<b>REVISION FOR ANNUAL EXAMINATION</b>						
ANNUAL EXAM SYLLABUS	LESSON5: OUR BODY LESSON12: LIGHT LESSON13: SOUND LESSON16: EARTH SUN & MOON MAP WORK (INDIA)					

## LESSON-3: ANIMALS-FOOD AND FEEDING HABITS

### I Competency Based Questions

Tick the correct option

1. A hen eats grains and insects. Which type of eater is it?  
a. Herbivore  
b. Carnivore  
c. Omnivore  
d. scavenger
2. What kind of food does it need to survive?



3. Why does the frog need a sticky tongue?  
a. To nibble their food  
b. to suck nectar from flowers  
c. To catch insects  
d. To crush food grains
4. Why does the snake not chew its food?  
a. It has no teeth  
b. It swallows food whole  
c. It eats only plants  
d. It sucks juices from its food

### 5. Select the carnivorous animal

a.



b.



c.



d.



6. Imagine a "Mystery Animal" that eats both berries and small birds. In a food chain, this animal would be called a:



7. A food chain always starts with \_\_\_\_\_ and ends with \_\_\_\_\_.  
a. Animal, plant  
b. Plant, animal  
c. Plant, plant  
d. Animal, animal
8. A buffalo eats grass all day and chews it again later. Why does it do this?  
a. To make the grass taste better  
b. To help digest tough plant food  
c. To drink more water  
d. To sleep better
9. The animal who have flat, broad front teeth to cut the leaves and grasses are:

- a. Herbivore
- b. Carnivore
- c. Omnivore
- d. scavenger

10. **Statement: All animals eat the same kind of food.**

**Reason: Animals have different feeding habits.**

- a. Both the statement and Reason are correct.
- b. Both the Statement and Reason are incorrect.
- c. Statement is correct but the Reason is incorrect.
- d. Statement is incorrect but the Reason is correct.

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

- 1. Lions are herbivores.

Ans. \_\_\_\_\_

**III Give Reason**

- 1. Human beings are called omnivores.

Ans. \_\_\_\_\_

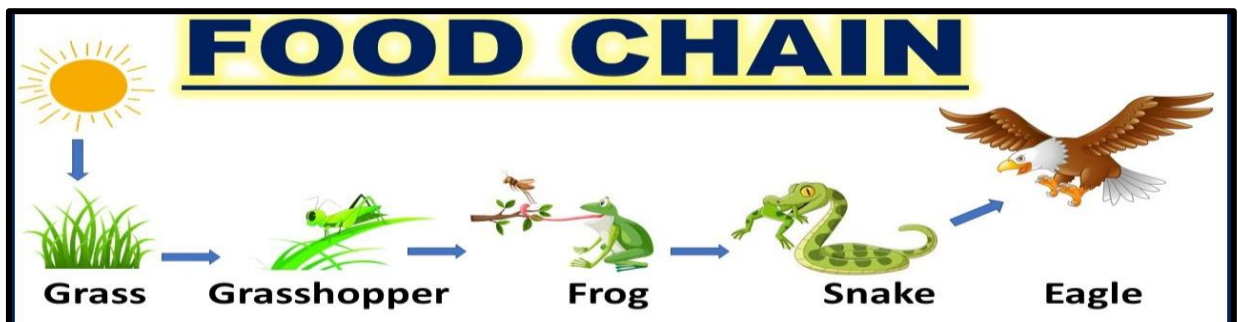
**IV Give one word**

- 1. The source of energy for all food chains.

Ans. \_\_\_\_\_

**V Diagram Based Questions**

Study the diagram and answer the following questions.



i) Which animal eats grass?

Ans. \_\_\_\_\_

ii) If frogs disappear, which animal will have less food?

Ans. \_\_\_\_\_

**VI Case Based Questions**

In a forest, a lion hunts a deer for food. Nearby, a rabbit is quietly eating grass. The lion has sharp teeth and strong claws, while the rabbit has small front teeth for cutting grass.

- 1. Which kind of teeth is the rabbit having for cutting the grasses?

Ans. \_\_\_\_\_

**VII Source Based Questions**

All living things are connected through food chains. Plants make food using sunlight. Herbivores eat plants, and carnivores eat herbivores. Some animals eat both plants and animals and are called omnivores.

i) Animals that eat both plants and animals are:

- |               |                 |
|---------------|-----------------|
| a) Herbivores | b) Carnivores   |
| c) Omnivores  | d) Insectivores |

**VIII Experiment Based Questions.**

**The Backyard Feeder**

Place a small, safe bird feeder and a shallow tray of water outside a window.

1. The birds which ate only grains and seeds, what will be they known as?

Ans.

---

**IX Computational Thinking Skills Questions.**

**Decomposition: "The Zoo Keeper's Puzzle"**

A zoo keeper needs to feed a Lion, a Rabbit, and a Bear. She has a big bag of meat, a basket of carrots, and a barrel of fish.

1. Identify which animal eats which food.

Ans.

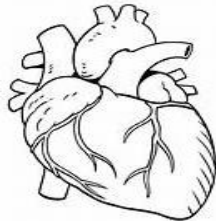
## LESSON-5: OUR BODY

### I Competency Based Questions

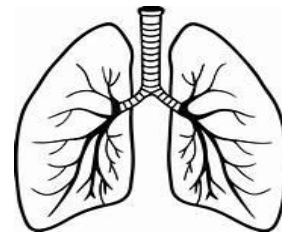
Tick the correct option

1. Which system acts like the "Manager" or "Boss" of the whole body?

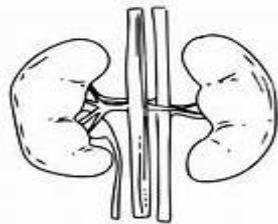
a.



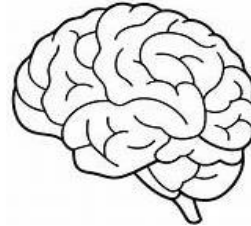
b.



c.



d.



2. To move any part of our body, like kicking a ball, we need both bones and:

a. hair

b. Muscles

c. Teeth

d. Nails

3. **Statement: Blood is important for the body.**

**Reason: Blood carries oxygen and nutrients.**

a. Both the statement and Reason are correct.

b. Both the Statement and Reason are incorrect.

c. Statement is correct but the Reason is incorrect.

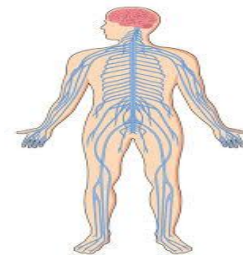
d. Statement is incorrect but the Reason is correct

4. If we exercise daily, which system becomes stronger?

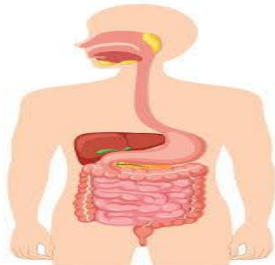
a.



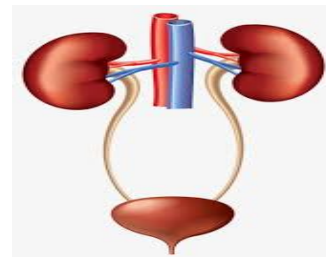
b.



c.



d.



5. When this boy is running, his heart beats fast and he breathes heavily. Which systems are working together here?

a. Only the Skeletal System.

b. Only the Digestive System.

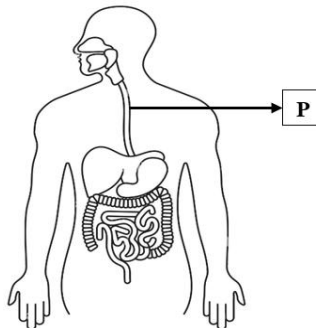
c. Circulatory, Respiratory, and Muscular Systems.

d. None of the above

6. These five organs together are known as our:



- a. Breathing organs  
b. Sense organs  
c. Internal organs  
d. Family organs
7. **Even with her eyes closed, she knows it is pizza because of her senses of:**  
a. Hearing and Sight  
b. Smell and taste  
c. Sight and touch  
d. None of the above
8. **Which of the following organ is NOT protected by the rib cage?**  
a. Brain  
b. Lungs  
c. Heart  
d. Both (b) and (c)
9. **Refer to the given picture of digestive system and select the correct statement regarding labelled part 'P'.**



- a. Stomach  
b. Small Intestine  
c. Food Pipe  
d. Large Intestine
10. **How many kidneys are present in the human body?**  
a. 1  
b. 2  
c. 3  
d. 4

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. Blood carries oxygen and nutrients in the body.

Ans. \_\_\_\_\_

**III Give Reason**

1. Bones are important for our body.

Ans. \_\_\_\_\_

**IV Give one word**

1. System that is different in male and female.

Ans. \_\_\_\_\_

**V Diagram Based Questions**

**Look at the pictures. Identify the system and write its main function.**



System

Function



System

Function



System

Function



System

Function



System

Function



System

Function

**VI Source Based Questions.**

Inside our body, there are important organs like the heart, lungs, and stomach. The heart pumps blood to all parts of the body. The lungs help us breathe, and the stomach helps digest food. These organs work together to keep us healthy.

1. Which organ pumps blood?

a)



b)



c)



d) s



**VII Case Based Questions**

Riya is running in the playground. After some time, her heart starts beating faster and she begins to breathe heavily.

**Q.1. Which system helps her breathe?**

**Ans.**

---

**VIII Experiment Based Questions**

**1. Sit quietly and place your hand on your chest to feel your heartbeat. Count the beats for 30 seconds. Now run or jump for 1 minute and count again.**

**Did your heartbeat increased or decreased after jumping?**

**Ans.**

---

**IX Computational Thinking Skill Questions.**

**1. Pattern Recognition**

**Goal:** Recognize groups based on shared characteristics (Body Systems).

**Question:** Look at the following list of body parts and organize them into their correct "System" groups.

**Parts:** Heart, Brain, Stomach, Lungs, Nerves, Blood vessels, Intestines, Windpipe.

**1. Group A (Digestion)**

**Ans.**

---

**2. Group B (Breathing)**

**Ans.**

---

**3. Group C (Control/Circulation)**

**Ans.**

---

## LESSON-10: SOIL

### I Competency Based Questions

Tick the correct option

1. If you wanted to build a strong clay pot, which type of soil would be the worst to use?
  - a. Clayey soil
  - b. Loamy soil
  - c. Sandy soil
  - d. Garden soil
2. If you put a handful of garden soil into a glass of water and stir it, you will see bubbles rising to the top. What does this prove?



- a. Soil is made up of soap
  - b. The water is boiling.
  - c. Soil is actually a liquid
  - d. Soil contains air trapped between its particles.
3. If you seal moist soil in a plastic bag and leave it in the sun, you will see tiny drops of water on the inside of the bag. This proves that:



- a. The bag is leaking.
  - b. Soil contains moisture
  - c. The sun creates water.
  - d. Soil is made of plastic.
4. If a soil sample feels very gritty and the water drains through it almost instantly, it is likely:
    - a. Clayey soil
    - b. Sandy soil
    - c. Loamy soil
    - d. Muddy soil
  5. Which type of soil is a "perfect mix" of sand, clay, and humus?
    - a. Desert soil
    - b. Loamy soil
    - c. Rocky soil
    - d. Sticky soil
  6. Look at the jar. Which layer is made of the heaviest particles?



- a. Humus
- b. Muddy water
- c. Stones/ Pebbles
- d. Clay

7. This picture shows the beginning of:



- a. Making a mountain
- b. Soil formation
- c. plant dying
- d. building a house

8. Which soil is good for crops needing less water?

- a. Sandy soil
- b. Clayey soil
- c. Loamy soil
- d. Rocky soil

9. Statement: All soils are the same in color and texture.

Reason: Different soils have different particles and properties.

- a. Statement is correct but the Reason is incorrect.
- b. Statement is incorrect but the Reason is correct.
- c. Both the Statement and Reason are correct
- d. Both the Statement and Reason are incorrect.

10. We know that the continuous heating and cooling of rocks broke them down into smaller pieces. Which of the following is responsible for continuous heating and cooling?

- a. Air and water
- b. Plants and trees
- c. sunlight and rains
- d. Plants and animals

II Write True or False for each statement. If the statement is False, rewrite it correctly.

1. Humus is made from dead plastic and papers.

Ans. \_\_\_\_\_

III Give Reason

1. Humus makes soil fertile.

Ans. \_\_\_\_\_

IV Give One Word

1. Famous underground animal that digs the soil to make it upside down, and is also known as

Farmers Best Friend.

Ans. \_\_\_\_\_

**V Diagram Based Questions.**

Identify the soil from the clues given below.



"I have large particles but very little food,  
I'm the reason a cactus is in a desert mood.  
But if you want a garden that's lush and green,  
Don't pick me—or you'll have the saddest plants ever seen!

Ans. \_\_\_\_\_

"I'm sticky and smooth, and I hold water tight,  
If you try to walk on me after rain, you'll get a big fright!  
I'll grab onto your shoes and won't let them go,  
But I'm great for making pots—just ask any pro!

Ans. \_\_\_\_\_

"I'm the perfect mix, not too sticky, not too dry,  
Ask any gardener, and they'll tell you why!  
I've got the nutrients and hold water just right,  
So seeds grow into plants with all of their might.

Ans. \_\_\_\_\_

**VI Source Based Questions**

Farmers choose soil carefully for growing crops. Sandy soil is good for plants that need less water because it drains quickly. Clayey soil is good for crops like rice because it holds water. Loamy soil is best for most crops because it has the right balance of water, air, and nutrients.

1. Which type of soil is good for growing rice?

- a. Sandy soil
- b. loamy soil
- c. Clayey soil
- c. Mountain soil

**VII Case Based Questions**

After heavy rain, Rahul sees that water stays in his garden for a long time and plants start dying.

1. Which type of soil is in Rahul's garden?

- a. Sandy soil
- b. loamy soil
- c. Clayey soil
- c. Mountain soil

**VIII Experiment Based Questions**

You want to grow a plant in your garden. You have sandy soil, clayey soil, and compost

1. What type of soil will this mixture form?

Ans. \_\_\_\_\_

**IX Computational Thinking Skills Question**

Sequencing Activity

**Arrange the steps in the correct order:**

\_\_\_\_\_ **Plant grows**

\_\_\_\_\_ **Seed is planted in soil**

\_\_\_\_\_ **Roots absorb water and nutrients**

\_\_\_\_\_ **Water is added to soil**

## LESSON-12: LIGHT

### I Competency Based Questions

#### Tick the correct option

- Why can we not see in the dark?**
  - Absence of air
  - Absence of Light
  - Absence of sound
  - Absence of water
- Which object will form a shadow?**
  - Glass
  - Water
  - Wall
  - Air
- Aman sees his shadow in the morning but not in the dark room at night. Why?**
  - There is no air at night
  - There is no light source
  - Shadows sleep at night
  - The screen disappears at night
- A student shines a torch on a mirror. What will happen?**
  - Light will stop
  - Light will reflect
  - Light will disappear
  - Light will break
- Why can we see objects in daylight?**
  - Objects make sound
  - Objects glow
  - Light falls on objects and reflects
  - Air helps us see
- Why can't we see through a wooden door?**
  - It is small
  - It allows light to pass through it
  - It blocks the light partially
  - It blocks the light completely
- A child covers a torch with paper. The light becomes dim. Why?**
  - Paper blocks some light
  - Torch stops working
  - Light becomes heavy
  - Air blocks light
- Statement: Translucent objects form light shadows.  
Reason: Translucent objects block light completely.**
  - Statement is correct but the Reason is incorrect.
  - Statement is incorrect but the Reason is correct.
  - Both the Statement and Reason are correct
  - Both the Statement and Reason are incorrect.
- A glass window lets light pass through it. What type of object is it?**
  - Opaque
  - Transparent
  - Translucent
  - Cannot be said about the material
- What does this show about light?**



- Light travels in curved lines
- Light travels in zig-zag line

c. Light travels in a straight line

d. Light travels in circular line

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. When you move an object closer to a light source, its shadow becomes smaller.

Ans.

**III Give Reason**

1. We cannot see what is hidden inside a closed cardboard box.

Ans.

**IV Give one word**

1. Objects that give out their own light.

Ans.

**V Diagram Based Questions.**

Classify the given objects as Natural and Man-made source of light.



Answer the following related to the diagrams given below.

1. Which object gives us light?

2. Which object does NOT give out light?

3. Which object help us to see at night?

4. Which object is a natural source of light?



a) Mirror



b) Bulb



a) Book



b) Candle



a) Stars



b) Pen



a) Sun



b) Lantern

**Draw and colour**

Draw a Natural Source of light

Draw an Artificial Source of light

**VI Source Based Questions**

A shadow is formed when an object blocks light. Shadows change size during the day. They are long in the morning and evening and short at noon.

1. When is the shadow shortest?
- a. Morning
  - b. Evening
  - c. Noon
  - d. Night

**VII Case Based Questions**

Meena looks into a mirror and sees her face clearly. When she looks at a wall, she cannot see her reflection.

1. What property of light is shown here?

Ans. \_\_\_\_\_

**VIII Experiment Based Questions**

Stand near a light source and observe your shadow. Move closer and farther from the light.

1. What happens to the shadow when you move closer to the light?

Ans. \_\_\_\_\_

**IX Computational Thinking Skills Questions**

Sequencing (Arrange in Order)

1. Arrange the steps to see an object:
- Light reflects from object
  - Light falls on object
  - Eyes receive light

Ans. i. \_\_\_\_\_.

ii. \_\_\_\_\_.

iii. \_\_\_\_\_.

## LESSON-13: SOUND

### I Competency Based Questions

#### Tick the correct option

1. Sound is produced when objects:

- a. Sleep
- b. Vibrate
- c. Melt
- d. Talk

2. Which of these produces sound?

- a. Stone lying still
- b. Ringing bell
- c. Closed book
- d. Still Table

3. Which body part do we use to hear sound?

- a.  b. 

- c.  d. 

4. Which of these makes a loud sound?

- a. Whisper
- b. Beating of a Drum
- c. Rustling leaves
- d. Soft music

5. Why can we hear a bell ringing from far away?

- a. Sound travels through air
- b. Bell moves fast
- c. Sound shines through air
- d. Sound stays in one place

6. What will happen if there is no vibration?

- a. No sound
- b. No air
- c. No light
- d. No water

7. Why do we hear thunder after lightning?

- a. Sound travels slower than light
- b. Sound travels faster than light
- c. Sound does not travel in air
- d. Sound and light travels with equal speed

8. Why does hitting different objects produce different sounds?

- a. Objects have same sound
- b. Objects stop moving
- c. Objects disappear
- d. Objects have different vibrations

9. A baby is sleeping. Which sound should you make near the baby?

- a. Loud sound
- b. Soft sound
- c. Bursting crackers
- d. Beating of drums

10. Statement: We should keep quiet in hospitals.

Reason: Loud sounds may disturb patients.

Statement is correct but the Reason is incorrect. Statement is incorrect but the Reason is correct. incorrect.

Both the Statement and Reason are correct Both the Statement and Reason are incorrect.

**II Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. Non-living things cannot produce any sound.

Ans.

**III Give reason**

1. We can hear the school bell ring even if we are sitting in a classroom far away from it.

Ans.

**IV Give one word**

1. Special body part inside our throat that vibrates when we talk.

Ans.

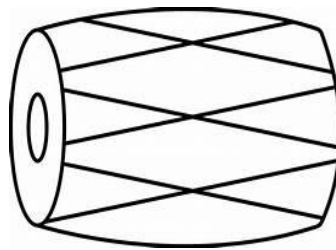
**V Diagram Based Question**

**Colour the objects that makes sound.**

a.



b.



c.



d.



e.



f.



**Match each animal to the sound it makes.**



**woof**

**baa**

**cluck**

**moo**

**meow**

**VI Case Based Questions**

During Diwali, Aman hears loud cracker sounds and covers his ears.

1. What can happen if we hear very loud sounds for long time?

Ans.

---

**VII Source Based Questions**

Sound is all around us. We hear sound with our ears. Sound is produced when objects vibrate. A ringing bell, a beating drum, and a barking dog all produce sound. Some sounds are loud, while some are soft. Loud sounds can hurt our ears, so we should avoid too much noise. Sound travels through air, water, and solids.

1. Name the three mediums through which sound can travel?

Ans.

---

**VIII Experiment Based Questions**

Put a ringing mobile phone under a glass jar and slowly remove the air (or cover it tightly).

1. What happens to the sound?

Ans.

---

**IX Computational Thinking Skills Questions**

Sequencing

You want to record your voice and play it back. Number these steps 1 to 4:

- (1) Press the play button
- (2) Speak into the microphone
- (3) Press the record button
- (4) Listen to your voice

Ans.

---

---

---

---

## LESSON-14: EARTH SUN & MOON

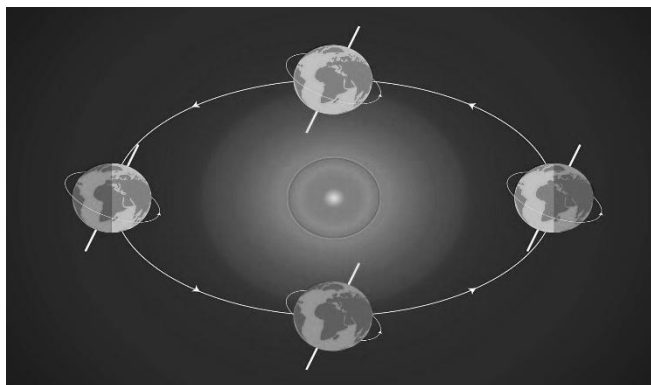
### I Competency Based Questions

#### Tick the correct option

- Why do we have day and night on Earth?**
  - Because the Sun moves around the Earth
  - Because the Moon blocks the Sun
  - Because the Earth rotates on its axis
  - Because the clouds cover the Sun
- Why can we see the Moon at night?**
  - It has its own light
  - It reflects sunlight
  - It is made of fire
  - It is a luminous object
- What would happen if the Earth stopped revolving?**
  - No formation of day and night
  - No formation of seasons
  - No formation of air
  - No formation of sound
- Why is the Earth suitable for living beings?**
  - It is very hot
  - It has air, water, and suitable temperature
  - It is closest to the Sun
  - It has no gravity
- What would happen if there was no Sun?**
  - No light and heat on Earth
  - Moon will not be visible
  - Life would not exist
  - All of the above
- Why does the Moon look different on different days?**



- Moon changes size
  - We see different lit parts of the Moon
  - Clouds cut the Moon
  - Moon breaks into pieces
7. **Earth moves around the Sun. This movement is called:**



- Rotation
  - Revolution
  - Reflection
  - Respiration
8. **Aman says, "Earth stands still." Is he correct?**
  - Yes
  - No, Earth keeps rotating and revolving
  - Yes, only at night
  - Yes, only during day
9. **A child joins dots to form shapes using stars. What is the child making?**
  - Planet
  - Asteroid

c. Comets

d. Constellation

10. **Statement: The Sun is a star.**

**Reason: It gives its own heat and light.**

a. Statement is correct but the Reason is incorrect.      b. Statement is incorrect but the Reason is correct.

c. Both the Statement and Reason are correct      d. Both the Statement and Reason are incorrect.

II **Write True or False for each statement. If the statement is False, rewrite it correctly.**

1. A "Full Moon" is when we cannot see the Moon at all in the night sky.

Ans. \_\_\_\_\_

III **Give Reason**

1. Life exists on Earth but not on other planets like the Moon.

Ans. \_\_\_\_\_

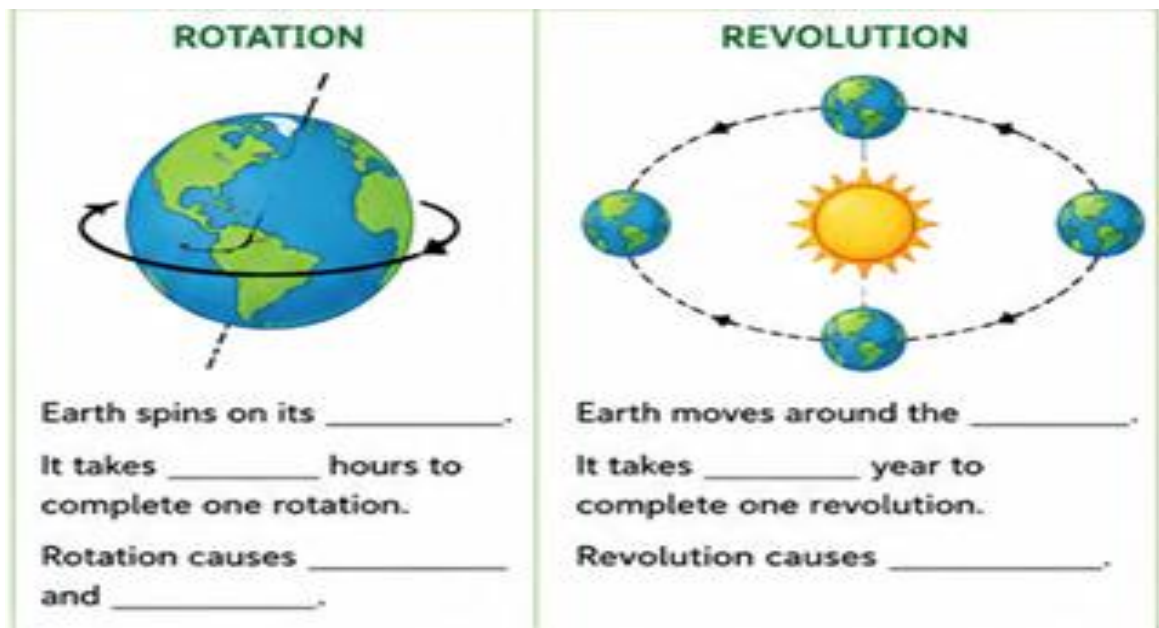
IV **Give one word**

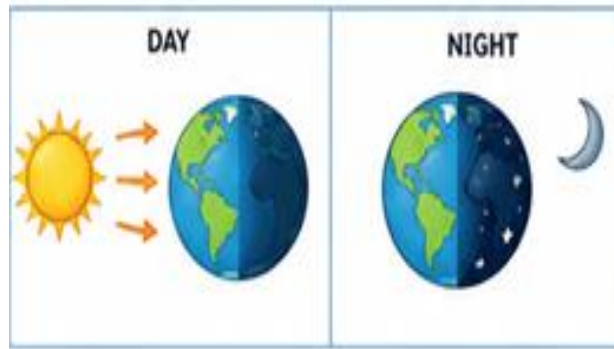
1. Huge deep holes on the surface of the Moon.

Ans. \_\_\_\_\_

V **Diagram Based Question**

Q.1.





**Q.1. Why it is day on one side of the Earth and night on the other side?**

**Ans.**

---

**VI Case Based Question.**

Riya notices that it is bright during the day and dark at night. She wonders why this happens every day.

1. What happens when Earth faces the Sun?

**Ans.**

---

2. What happens when Earth turns away from the Sun?

**Ans.**

---

**VII Source Based Question.**

The Moon does not have its own light. It shines because it reflects sunlight. It looks different on different days.

1. What would happen if sunlight did not fall on the Moon?

**Ans.**

---

**VIII Experiment Based Question.**

1. Use a ball and a torch in a dark room. Move around the ball and observe how much of it is lit.

**Ans.**

---

**IX Computational Thinking Skill Questions.**

Algorithmic Thinking (The Daily Cycle)

**Goal:** Create a step-by-step process (algorithm) for day and night.

**Question:** Arrange the following events in the correct order (1 to 4) to show how Earth's rotation creates the day:

( ) The part of Earth facing the Sun experiences daylight.

( ) Earth rotates on its axis from West to East.

( ) The part of Earth facing away from the Sun enters darkness (night).

( ) As the Earth continues to spin, the Sun appears to "set."

## MAP WORK

- Q.1. In a political map of India, mark Metropolitan cities, Gujarat and Water Bodies that surround India.**



- i. If you are traveling from the west coast of India (like Mumbai) towards the east coast (like Chennai), which ocean will you be moving "across" or towards?**
- |                 |                  |
|-----------------|------------------|
| a. Arabian Sea  | b. Bay of Bengal |
| c. Indian Ocean | d. Ganga         |



# Delhi Public School, Gandhinagar

## Periodic Test- II Mock Paper (2026-27)

Class: III

**EVS**

Date: 00.00.2026

Time: 1 hour

M. Marks: 20

Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_

### General Instructions:

- (i) There are 3 Sections in this paper.
- (ii) All the questions are compulsory.
- (iii) Answer the questions as per the instructions.

### Section A

#### I Competency Based Question- Choose the correct option:

8x1=8

Q.1. Which of these animals uses its long, sticky tongue to catch insects?

a.



b.



c.



d.



Q.2. A mystery animal has very sharp, pointed front teeth (incisors) and strong jaw muscles. Based on its teeth, what is this animal most likely to eat?

- a. Only soft green grass
- b. Fruits and nuts
- c. The meat of other animals
- d. Only grains and seeds

Q.3. Some animals are "scavengers" that eat \_\_\_\_\_.

- a. Only plants
- b. Only flesh of other animals
- c. Nuts and berries
- d. Dead remains of other animals

**Q.4. Plant seeds in sandy soil, clayey soil, and loamy soil. Water them equally for a few days. In which soil did the plant grow best?**

- a. Sandy soil
- b. Clayey soil
- c. Loamy soil
- d. rocky soil

**Q.5. A cow chews its food for a long time. What is this special habit called?**

- a. Grinding the food
- b. Chewing the cud
- c. Swallowing whole
- d. Tearing the food

**Q.6. A gardener wants to grow a plant that needs very little water, like a cactus. Which type of soil should he choose?**

- a. Sandy soil
- b. Clayey soil
- c. Loamy soil
- d. Rocky soil

**Q.7. Why do plants need soil to grow?**

- a. Soil provides air, water, and nutrients to the roots.
- b. Soil gives the plant a place to sleep.
- c. Soil provides light to the leaves.
- d. Soil makes the plant change color.

**Q.8. Statement: Humus is very important for the soil.**

**Reason: Humus is made of dead and decayed plants and animals, which makes the soil rich and fertile for plants.**

- a. Both the assertion and reason are correct.
- b. Both the assertion and reason are incorrect.
- c. Only the assertion is correct but the reason is incorrect.
- d. Assertion is incorrect but the reason is correct.

**II Case Based Questions.**

**2x1=2**

**A bear was eating fish near the river. Later, it also ate berries and fruits from nearby trees. Thus, bear is an example of omnivore.**

**Q.1. What kind of animal is the bear?**

**Ans.**

---

**Q.2. Name two foods eaten by the bear.**

**Ans.**

---

**III Computational Thinking Skill Questions.**

**2x1=2**

**Number of plants growing in different soils:**

Sandy soil	3
Clayey soil	5
Loamy soil	12

**Q.1. In which soil did most plants grow?**

**Ans.**

---

**Q.2. Which soil had the fewest plants?**

**Ans.** \_\_\_\_\_

**Section B**

**Do as directed.**

**I Give one word.**

**1x1=1**

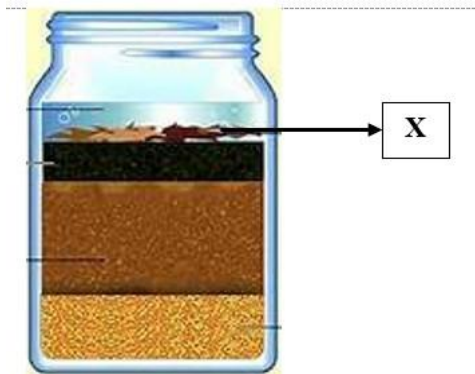
**Q.1. Top most layer of the soil containing nutrients.**

**Ans.** \_\_\_\_\_

**II Label the diagram.**

**1x1=1**

**Q.1. Identify the layer 'X' of the soil.**



**Section C**

**III Answer the following questions in short.**

**3x2=6**

**Q.1. Define carnivore and give one example.**

**Q.2. Give reason: Frogs have long, sticky tongue.**

**Q.3. What are the two main things found in soil besides humus?**



# Delhi Public School, Gandhinagar

## Annual Examination Mock Paper (2026-27)

Class: III

**EVS**

Date: 00.00.2026

Time: 2 hours

M. Marks: 50

Name: \_\_\_\_\_ Sec: \_\_\_\_\_ Roll No.: \_\_\_\_\_

### General Instructions:

- (i) There are 3 Sections in this paper.
- (ii) All the questions are compulsory.
- (iii) Answer the questions as per the instructions.

### Section A

#### Q-I Competency Based Question-

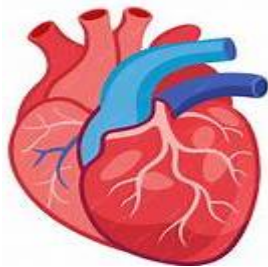
20x1=20

Choose the correct option:

- Q.1. **Assertion:** Our brain controls all our body movements and thoughts.  
**Reason:** The brain is part of the digestive system, which helps us process the food we eat.
- a. Both the assertion and reason are correct.
  - b. Both the assertion and reason are incorrect.
  - c. Only the assertion is correct but the reason is incorrect.
  - d. Assertion is incorrect but the reason is correct.

#### Q.2. If a person stops breathing properly, which organ may not work well?

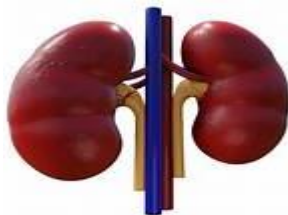
a.



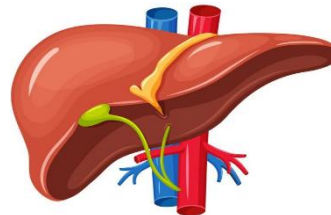
b.



c.



d.



#### Q.3. If you are standing in a dark room, why can you not see objects around you?

- a. Because there is no light to reflect off the objects and into your eyes.
- b. Because the objects are too small.
- c. Because your eyes are closed.
- d. Because the air is too thick.

**Q.4. What do we call a material that allow any light partially to pass through it?**

- a. Transparent
- b. Translucent
- c. Opaque
- d. Shiny

**Q.5. Which of these is an example of a "soft" or "pleasant" sound?**

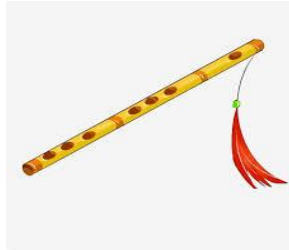
- a. A car horn honking.
- b. A rustling of leaves.
- c. A loud firecracker.
- d. A screeching train brake.

**Q.6. Sound is produced when an object does what?**

- a. It moves in a straight line.
- b. It reflects light.
- c. It vibrates.
- d. It changes color.

**Q.7. Which of the following objects produces sound by vibrating a string?**

a.



b.



c.



d.



**Q.8. If you strike a metal spoon against a glass, it makes a sound. What happens if you touch the glass immediately after striking it?**

- a. It becomes cold.
- b. It stops making sound because the vibrations are stopped.
- c. It starts to glow.
- d. The sound gets louder.

**Q.9. A sound that is harsh, loud, and unpleasant to hear is called:**

- a. Music
- b. Melody
- c. Noise
- d. Whisper

**Q.10. Sound travels through which of the following?**

- a. Air, water, and solids
- b. Only air
- c. Only empty space
- d. Only solids

**Q.11. The Sun is actually a huge:**

- a. Planet
- b. Satellite
- c. Star
- d. Asteroid

**Q.12. What provides the Earth with light and heat?**  
a. The Sun                      b. The Moon                      c. The Stars                      d. The Clouds

**Q.13. Which movement of Earth causes seasons?**  
a. Rotation                      b. Revolution                      c. Jumping                      d. Running

**Q.14. Which celestial body is a planet?**

a.



b.



c.



d.



**Q.15. When the Moon is not visible at all from Earth, it is called a:**  
a. Full moon                      b. Half moon                      c. Gibbous moon                      d. Crescent moon

**Q.16. If you are standing on the beach in Mumbai and looking out at the sea, which water body are you facing?**  
a. Bay of Bengal                      b. Arabian Sea  
c. Pacific Ocean                      d. Indian ocean

**Q.17. Which water body is located to the East of India and touches the coast of states like West Bengal and Tamil Nadu?**  
a. Bay of Bengal                      b. Arabian Sea  
c. Pacific Ocean                      d. Indian ocean

**Q.18. You are planning a trip to see the historical 'Red Fort' and the 'India Gate'. Which metropolitan city should you choose to explore these famous monuments?**  
a. Kolkata                      b. Chennai  
c. Delhi                      d. Mumbai

**Q.19. A friend describes their city as a place located on the coast of the Bay of Bengal, famous for its long sandy beach called 'Marina Beach'. Which city are they talking about?**  
a. Kolkata                      b. Chennai  
c. Delhi                      d. Mumbai

**Q.20.** If you want to visit the 'Gateway of India', which metropolitan city should you book your tickets to?

- a. Kolkata  
b. Chennai  
c. Delhi  
d. Mumbai

**II Computational Thinking Skill Questions.**

**5x1=5**

**Pattern Recognition**

Observe the table below regarding how different materials interact with light:

<b>Material</b>	<b>Allows light to pass?</b>	<b>Resulting shadow</b>
<b>Clear Glass</b>	<b>Allows all light</b>	<b>No shadow</b>
<b>Wooden Plank</b>	<b>Does not allow light</b>	<b>Dark shadow</b>
<b>Butter paper</b>	<b>Allows some light</b>	<b>Faint shadow</b>
<b>Plastic Sheet</b>	<b>Allows all light</b>	<b>No shadow</b>
<b>Cardboard</b>	<b>Does not allow light</b>	<b>Dark shadow</b>

**Q.21.** Based on the table, what is the "rule" for materials that create a dark shadow?

**Ans.**

---

**Q.22.** If I introduce a new material called "Tracing Paper" that acts like Butter Paper, what kind of shadow should I expect it to create?

**Ans.**

---

**Q.23.** Which material would go into the "Light-blocking" category?

**Ans.**

---

**Q.24.** If a material creates no shadow, what pattern does it follow regarding light transmission?

**Ans.**

---

**Q.25.** Based on the table, what is the "rule" for materials that create a faint shadow?

**Ans.**

---

**III Case based Questions.**

**5x1=5**

Rohan and his friends went to the local park for a sports day.

- **Morning:** They started with a 100-meter race. Rohan felt his heart beating very fast, and he was breathing heavily.
- **Afternoon:** After the race, they sat down to eat their lunch. Rohan chewed his apple carefully before swallowing it.

- Evening: While running, Rohan accidentally tripped over a stone, scraped his knee, and felt a sharp pain that made him stop immediately.

Q.26. Which system is responsible for moving Rohan's legs while he is running?  
Ans. \_\_\_\_\_

Q.27. Which system protected Rohan's internal organs from being hurt more when he fell?  
Ans. \_\_\_\_\_

Q.28. When Rohan chewed his apple, which system of his body started the process of breaking down food?  
Ans. \_\_\_\_\_

Q.29. Why system made Rohan feel "sharp pain" in his knee when he fell?  
Ans. \_\_\_\_\_

Q.30. Which organ acts as the "control center" to tell Rohan's legs to stop running when he sees the stone?  
Ans. \_\_\_\_\_

### Section B

**Do as directed.**

I Give one word. 2x1=2

Q.1. Smallest living unit of life.  
Ans. \_\_\_\_\_

Q.2. Group of stars forming an imaginary shape in the sky.  
Ans. \_\_\_\_\_

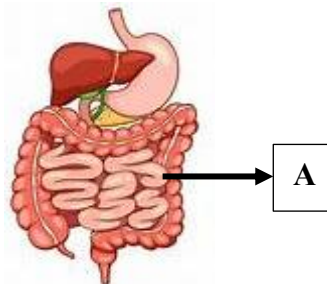
II State whether the following statements are true or false. 2x0.5=1

Q.1. Loud sounds are good for our ears. \_\_\_\_\_

Q.2. Sound is produced by the vibration of an object. \_\_\_\_\_

III Label the following Diagram 2x1=2

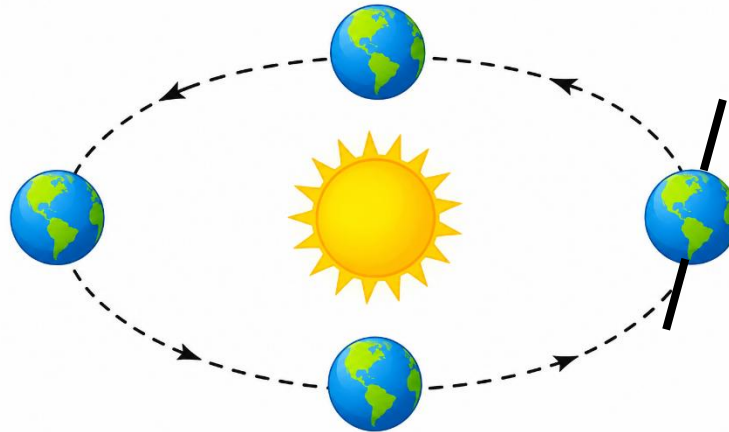
Q.1. Name the system shown in the picture given below. Also write the names of the organs marked as A in the given diagram.



Name of the System: \_\_\_\_\_.

A. \_\_\_\_\_.

Q.2.



i Name the movement of Earth around the Sun shown by the arrows.

Ans.

---

ii Which thing changes on earth because of this movement?

Ans.

---

### SECTION- C

I Answer the following questions in short.

3x2=6

Q.1. Differentiate between Natural source of light and Man-made source of light with one example for each.

Q.2. Give two examples of sounds that you hear in your daily life. Can you classify them as pleasant or unpleasant?

Q.3. What is the difference between rotation and revolution of the Earth?

II Answer the following questions in detail.

3x3=9

Q.1. Why do we need a skeleton in our body? List any three functions it performs.

Q.2. Write one point of difference between Transparent, translucent and opaque objects.

Q.3. Write three points of difference between the earth and the moon.