

POOJA MODEL SCHOOL
MID TERM WORKSHEET – SCIENCE

SESSION 2026–27 | CLASS VI

Duration: 2 Hours 30 Minutes	Maximum Marks: 60
Name: _____	Roll No.: _____

General Instructions:

1. All questions are compulsory. 2. The paper has Sections A, B, C, D and E. 3. Internal choice is given in selected questions. Attempt only one option where choice is provided.

SECTION A – Multiple Choice Questions ($12 \times 1 = 12$)

- Which characteristic is common to all living organisms?
A) They all have legs B) They carry out life processes C) They are all green D) They live on land
- Which organism is best adapted to a desert habitat?
A) Polar bear B) Camel C) Trout D) Frog
- Which pair is correctly matched?
A) Taproot – wheat B) Fibrous root – gram C) Taproot – mustard D) Fibrous root – mango
- Which choice shows mindful eating?
A) Eating while rushing B) Taking more than needed C) Eating slowly and noticing hunger D) Skipping every meal
- Which material is most likely to be attracted by a magnet?
A) Copper coin B) Iron paper clip C) Wooden ruler D) Glass bead
- A freely suspended bar magnet generally settles along the:
A) North–South direction B) East–West direction C) Up–down direction D) Random direction
- Which is the most suitable unit for the length of a classroom?
A) Millimetre B) Centimetre C) Metre D) Kilometre
- Which substance will form a solution when stirred in water?
A) Sand B) Sugar C) Sawdust D) Chalk pieces
- The amount of matter present in an object is called its:
A) Length B) Mass C) Volume D) Temperature
- Which material is absorbent?
A) Cotton cloth B) Polythene C) Steel sheet D) Glass
- Which is a natural resource that can be replenished naturally in a short time?
A) Coal B) Petroleum C) Sunlight D) Natural gas
- Planting more trees helps mainly in:
A) Increasing soil erosion B) Conserving soil and supporting biodiversity C) Wasting water D) Reducing oxygen

SECTION B – Very Short Answer Questions ($4 \times 2 = 8$)

13. Give one difference between herbs and shrubs. Give one example of each.
14. State any two reasons why our body needs water.
15. What are magnetic materials? Give one example. What are non-magnetic materials? Give one example.
16. Why are standard units of measurement important? Name the standard unit of length used for measuring a long distance such as the distance between two cities.

SECTION C – Short Answer Questions ($3 \times 3 = 9$)

17. Attempt either (A) or (B).

(A) Explain how roots help a plant. Mention any three functions.

OR

(B) What are adaptations? Explain any three adaptations that help a cactus survive in a desert.

18. A student has a metal spoon, a plastic ruler and a wooden pencil. How can you test which object is magnetic? Write the steps and expected observation.

19. Attempt either (A) or (B).

(A) Differentiate between soluble and insoluble substances with two examples.

OR

(B) Explain transparent, translucent and opaque materials with one example of each.

SECTION D – Long Answer Questions (3 × 5 = 15)

20. Read the statements and complete them with suitable terms:

- (a) A place where an organism naturally lives is called its _____.
- (b) Fish use _____ to breathe in water.
- (c) A bird's body is adapted for flight with the help of _____.
- (d) A camel's broad feet help it walk on _____.
- (e) The thick stem of many desert plants helps them store _____.

21. Match Column A with Column B:

1. Length of a pencil.	Kilometre	2. Distance between two cities.	Centimetre	3. Thickness of a coin.	Metre	4. Length of a classroom.	Millimetre	5. Length of a playground.	Hand span
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22. Attempt either (I) or (II).

(I) (a) Explain any three ways in which we can conserve water at home. (b) Why should forests be protected? Give two reasons.

OR

(II) (a) Explain any three ways in which the Sun supports life on Earth. (b) Give two reasons why trees are valuable natural resources.

SECTION E – Competency / Case-Based Questions (4 × 4 = 16)

23. During a class picnic, Meera packed fruit, sprouts and homemade sandwiches. She took a small portion first, ate without rushing and saved the extra food safely instead of throwing it away.

- (a) Which eating habit is shown by Meera?
- (b) Why is it better to take only as much food as we can finish?
- (c) Suggest two ways to avoid food wastage.
- (d) How does eating slowly help us practise mindful eating?

24. Aarav tested three objects with a bar magnet: an iron pin, a plastic button and a wooden stick. The iron pin moved towards the magnet, while the other two did not.

- (a) Which object is magnetic?
- (b) What do we call the other two types of materials?
- (c) What conclusion can Aarav draw from the activity?
- (d) Name two useful applications of magnets in everyday life.

25. At a fair, students noticed a ceiling fan rotating, a child moving back and forth on a swing, and a toy car moving along a straight path.

- (a) Which object shows circular motion?
- (b) Which object shows oscillatory motion?
- (c) Which object shows linear motion?
- (d) What is meant by motion?

26. A teacher gave students a steel spoon, a rubber eraser, a glass tumbler and a wooden ruler. Students grouped them according to their properties.

- (a) Which object is made of rubber?
- (b) Which object is transparent?
- (c) Give one reason why objects are grouped according to materials.
- (d) Write one property each of steel and wood that makes them useful for different purposes.

— End of Question Paper —