



Indian School Al Wadi Al Kabir

Pre Mid-Term Examination (2025-2026)

Class: VI
Date: 22/05/2025

Subject: SCIENCE
Set – II

Max. Marks: 30
Time: 1 Hour

General Instructions:

- i. All questions are compulsory. Marks are indicated against each section.
- ii. The question paper comprises of 3 pages and **15** questions in 5 sections **A, B, C, D** and **E**.
- iii. Q 1 to Q 4 in **section A** are MCQ and carry **ONE** mark each. Write the correct answer along with option in the answer script.
- iv. Q 5 to Q 7 in **section A** are Assertion and Reason type and carry **ONE** mark each.
- v. Q 8 to Q 10 in **section B** are Short Answer Type Questions and carry **TWO** marks each.
- vi. Q 11 to Q 13 in **section C** are Short Answer Type Questions and carry **THREE** marks each.
- vii. Q 14 in **section D** is a Long Answer Type Question and carries **FIVE** marks.
- viii. Q 15 in **section E** is a Case study / Paragraph based Question and carries **THREE** marks.
- ix. Write the same question number as given in the question paper.
- x. Whitener should not be used in the answer script.
- xi. Diagrams should be drawn using a pencil.

SECTION A (1X7=7)

1. The water level of lakes in tropical regions is found to decrease significantly during summer. The process of changing of water into water vapour is called-
 - a) Sublimation
 - b) Condensation
 - c) Evaporation
 - d) Decantation
2. What is the main characteristic of the plant shown in the picture?



- a) It has a weak stem that cannot support its own weight.
 - b) It has a weak stem that needs an external support to grow upwards.
 - c) It has branches arising from the base.
 - d) It has a very strong and woody stem.
3. What is the difference in the rhododendrons in Nilgiris and rhododendrons in Sikkim?
 - a) Rhododendrons in Nilgiris are shorter than the rhododendrons in Sikkim.
 - b) Rhododendrons in Sikkim are shorter than the rhododendrons in Nilgiris.
 - c) Rhododendrons in Sikkim and Nilgiris are of same height.
 - d) None of the above

4. Roshan and his friend joined gymnasium a week before and they started having eggs to build strong muscles. What nutrient in eggs is beneficial for building strong muscles?
- a) Fats
 - b) Protein
 - c) Carbohydrates
 - d) Vitamins

For questions 5 to 7, two statements are given-one labelled as Assertion(A) and the other labelled as Reason(R). Select the correct answer to these questions from the codes (i), (ii), (iii) and (iv) as given below:

- i) Both A and R are true and R is the correct explanation of the Assertion.
- ii) Both A and R are true but R is not the correct explanation of the Assertion.
- iii) A is true but R is false.
- iv) A is false but R is true.

5. **Assertion (A):** Rose plant is a herb.
Reason (R): Small plants with soft and green stems are called herbs.
6. **Assertion (A):** Fishes have streamlined bodies.
Reason (R): Streamlined bodies help fish to move in the water.
7. **Assertion (A):** Growing children require more protein compared to others.
Reason (R): Proteins are obtained from both animal and plant sources.

SECTION B (2X3=6)

8. a) Define the term habitat.
b) Observe the given figures of camels in hot and cold deserts and answer the question.
Why do camels in hot deserts have long legs with wide hooves while camels in cold deserts have short legs?

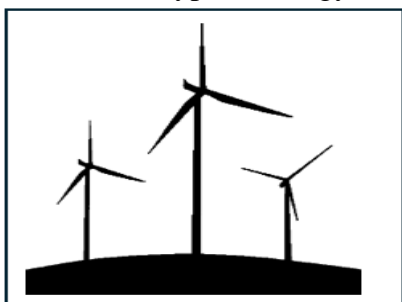


Camel in hot desert



Camel in cold desert

9. a) Identify the given picture. What type of energy is being used?



- b) Differentiate between Renewable and Non-Renewable resources of energy.

10. Why do polar bears accumulate fat under their skin, and how does it help them during hibernation?

SECTION C (3X3=9)

11. a) Identify and write one symptom of the disease shown in the image below.
b) How does regular consumption of seafood prevent this disease?



- c) We should prefer consuming whole fruit instead of fruit juices. Give a reason.
12. a) Where do mushrooms mostly grow? How are edible mushrooms beneficial for us?
b) Name two energy-producing nutrients.
13. a) Reenu observed that there is a relation between leaf venation, cotyledons and type of root in a plant. Mention the type of root and venation in monocotyledons and dicotyledons.
b) Why does cactus have a thick and fleshy stem?

SECTION D (5X1=5)

14. a) Write two differences between aquatic and terrestrial habitats.
b) Draw the diagrams of taproot system and fibrous root system.
c) Define the term Venation.

SECTION E (3X1=3)

15. Read the following passage and answer the questions given below.

Cooking practices have evolved over time, blending traditional techniques with modern innovations. Modern appliances and techniques can save time and effort in the kitchen. Healthy cooking methods involve grilling, steaming and baking. Steaming helps retain nutrients in food and doesn't require added oil. Grilling allows excess fat to drip away from food, making it a healthier option. Using herbs and spices to flavour food instead of salt and sugar can make dishes healthier. Plant-based meals can be nutritious and lower in saturated fats. When it comes to technology in healthy life style, we have a lot of recipe websites and online cooking classes that teach healthy cooking techniques and meal planning strategies.

- i) Write one advantage of modern appliances and techniques.
ii) Name two healthy cooking methods.
iii) What can be used instead of salt and sugar to flavour food to make dishes healthier?