



## B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS  
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

TERM-1 EXAM-(2026-27)

Class: IV  
Date: 11/09/26  
Admission no:

SCIENCE (SET-2)

Time: 2 Hour  
Max Marks: 40  
Roll no:

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### Marking scheme

#### I. Fill in the blanks

1. The preservation method that uses salt, oil, and spices is called **pickling**.
  2. In the stomach, the food is churned, mixed with **digestive juices**, and digested further into a liquid mixture.
  3. The embryo gets its food from the **yolk** and develops into a chick.
  4. We use **naphthalene balls** to protect woollen clothes from insects.
  5. The process by which a liquid changes to a solid on cooling is called **freezing**.
  6. Plants use sunlight, carbon dioxide, and **water** for photosynthesis.
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#### II. Answer the following in one word

7. Freezing
  8. Food preservation is the process of preventing food from spoiling and keeping it safe for a longer time.
  9. Evaporation
  10. They trap air, which keeps our body warm.
  11. Nylon
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### III. Match the following

12. Egg → **(e) Albumen**
13. Leaves → **(c) Chlorophyll**
14. Incisors → **(d) To bite food**
15. Aquatic plant → **(b) Lotus**
16. Urinary bladder → **(a) Stores urine until it is full**
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### IV. Answer the following

17. Describe the function of carbohydrates and protein.

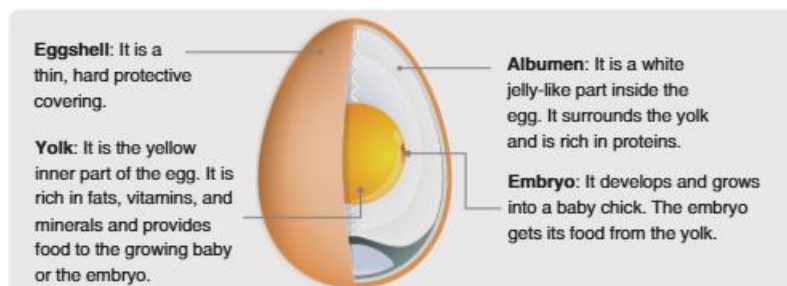
- **Carbohydrates** provide energy to the body.
- **Proteins** help in growth and repair of body tissues.

18. What are natural fibres? Give one example of natural fibre.

Natural fibres are fibres obtained from plants or animals.

**Example:** Cotton.

19. Draw and label the diagram of parts of Egg.



**Labels:** Shell, Albumen (Egg white), Yolk, Embryo, Air space.

20. Define photosynthesis. Name the components required for photosynthesis.

Photosynthesis is the process by which green plants prepare their own food using sunlight.

**Components required:**

- Sunlight

- Water
- Carbon dioxide
- Chlorophyll

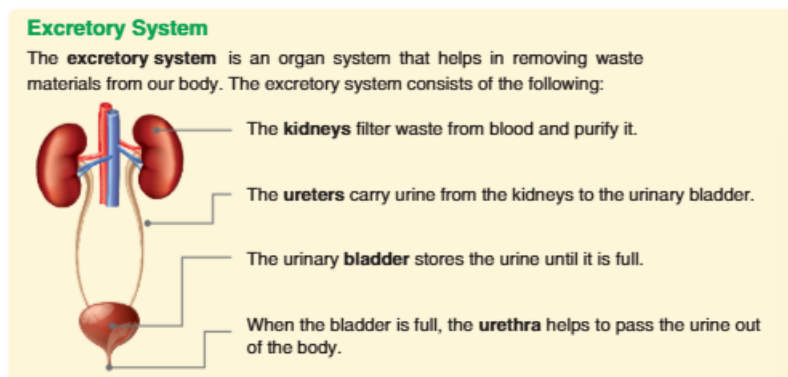
**21. What are insectivorous plants? Give two examples.**

Insectivorous plants are plants that trap and digest insects to obtain nutrients.

**Examples:**

- Pitcher plant
- Venus flytrap

**22. Draw and label the diagram of Human Excretory System.**



**Labels:** Kidneys, Ureters, Urinary Bladder, Urethra.

**V. Answer the following**

**23. Define matter. What are its three forms?**

Matter is anything that has **mass** and occupies **space**.

The three forms of matter are:

- Solid
- Liquid
- Gas

**24. Explain the following with the help of diagrams.**

**(a) Artery**

Arteries carry **oxygen-rich blood** away from the heart.

Heart —————> Body

## (b) Veins

Veins carry **blood back** to the heart.

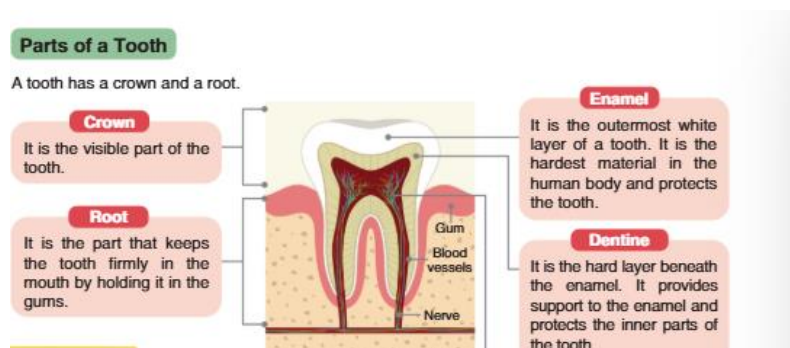
Body —————> Heart

## (c) Capillaries

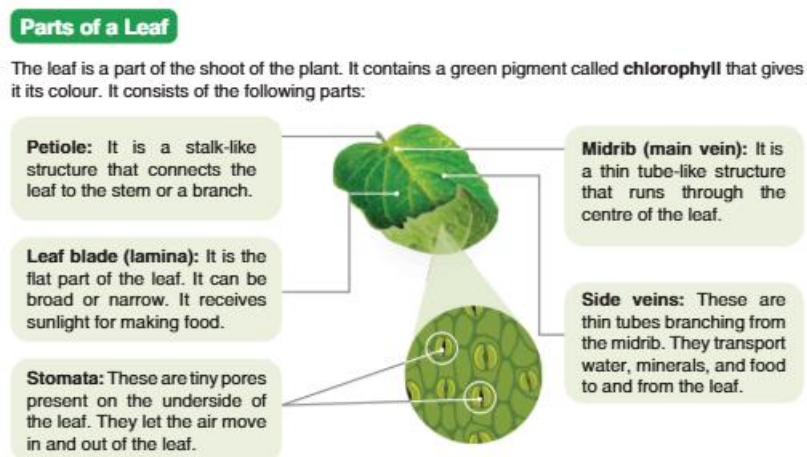
Capillaries are tiny blood vessels where oxygen, nutrients, and waste materials are exchanged.

Artery — Capillaries — Vein

**25. Draw and label the diagram of structure of tooth. Explain the function of each part of tooth.**



**26. Draw and label the diagram of parts of a Leaf.**



\*\*\*\*\*ALL THE BEST\*\*\*\*\*