

School Name -----

Half Yearly Examination

Session – 2025-26

Class – 7

Subject - Science

M.M.

All questions are compulsory.

Tick the correct answer:

- Cuscuta is an example of:  
(A) autotroph (B) parasite  
(C) saprotroph (D) host ( )
- Fat is completely digested in the:  
(A) stomach (B) mouth  
(C) small intestine (D) large intestine ( )
- In cockroaches, air enters the body through:  
(A) lungs (B) gills  
(C) spiracles (D) skin ( )
- In plants, water is transported through:  
(A) xylem (B) phloem  
(C) stomata (D) root hair ( )

Fill in the blanks:

- The food synthesized by the plants is stored as .....
- The largest gland in the human body is .....
- The hotness of an object is determined by its .....
- The chemical name of baking soda is .....

State whether the following statements are true or false.

- Cutting a log of wood into pieces's a chemical change. (True/False)
- The fishes have lungs for respiration. (T/F)

3. Iron and rust are the same substances. (True/False)

4. Sodium hydroxide turns blue litmus red. (T/F)

Answer the following question in one line.

- Boojho is fascinated by the highly coiled small intestine. He wants to know its length.
- Give two examples each of conductors and insulators of heat.
- Can I taste all substances to find their taste?
- Boojho wants to know, how much air can a person hold in the lungs?

Answer the following question in five lines.

- Boojho wants to know how water and minerals absorbed by roots reach to the leaves?
- Boojho wants to know why we cannot digest cellulose like the cattle do?
- Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.
- I am not getting the same result when using solid baking soda on dry litmus paper, why?