

SCHOOL NO.

- Please check that this question paper contains 02 printed pages.
- Please check that this question paper contains 20 questions.
- Please write down the serial number of the question before attempting it.



ODM PUBLIC SCHOOL, BHUBANESWAR

HALF - YEARLY EXAMINATION, 2021

STD - VI

GENERAL SCIENCE

Time Allowed : 90 Minutes

Maximum Marks: 40

General instruction

- 1) The question paper consists of four sections.
- 2) Section-A consists of questions number 1 to 9 of one mark each.
- 3) Section-B consists of questions number 10 to 13 of two marks each.
- 4) Section-C consists of questions number 14 to 19 of three marks each.
- 5) Section-D consists of question number 20 of five marks.

SECTION-A

Each question carries 1 mark.

1. Mention one use of each of the following equipment
 - a) Glass tube
 - b) Reagent bottle
2. A bottle of perfume on opening evolves an odour which can be sensed over a long distance. Give reason.
3. Give one example of
 - a) A tri atomic molecule
 - b) A polyatomic molecule
4. Define one metre, the S.I. unit of length
5. What is the approximate size of a molecule?
6. Why it is difficult for a pen to mark on a highly smooth plastic sheet?
7. Write the two main functions of leaves.
8. What purpose is served by the spines borne on the leaves of cactus?
9. The cell membrane is called selectively permeable. Why?

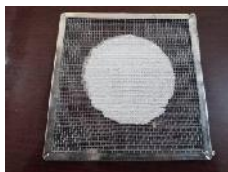
SECTION-B

Each question carries 2 marks.

10. "Our body is a mobile chemical factory." Justify the statement.

11. Determine the name of the following lab equipment and give one of its use.

a)



b)



12. Define friction and explain how it is useful to us ?

13. Electricity is not considered as matter. Why ?

SECTION-C

Each question carries 3 marks.

14. Write an activity along with labeled diagram to show thermal expansion of a gas.

15. (a) Write the molecular formulae of hydrogen sulphide, calcium hydroxide

(b) State the number of atoms of each element present in glucose, sulphuric acid

(c) Give reason why graphite is used to make lead of the pencils.

16. Define temperature. Differentiate between laboratory thermometer and clinical thermometer.

17. Differentiate mass and weight. Why is magnetic force is considered as an action at a distance force?

18. What are the three conditions necessary for the germination of seeds. How would you demonstrate this?

19. Name the three essential parts of a cell. Briefly describe the structure of cell membrane.

SECTION-D

Each question carries 5 marks.

20. How is the small intestine best suited for the digestion and absorption of food? State the three ways in which saliva is useful to us. What is the fate of excess glucose in our body

