

FIRST MID-TERM TEST - 2024

Reg. No. 880004

VIII - SCIENCE

Time Allowed : 1.30 Hrs.

Maximum Marks: 50

- I. Choose the correct answer:** 6 x 1 = 6
- Electric current is a _____ quantity.
a) Base b) Supplementary c) Derived d) Professional
 - The unit of viscosity is
a) Nm² b) Poise c) kgms⁻¹ d) No unit
 - The liquid metal used in thermometers is
a) Copper b) Mercury c) Silver d) Gold
 - Brine is a concentrated solution of _____.
a) Sodium sulphate b) Sodium chloride
c) Calcium chloride d) Sodium bromide
 - _____ is a prokaryotic microorganisms.
a) Virus b) Algae c) Fungi d) Bacteria
 - One of the following is an edible mushroom
a) Polyporus b) Agaricus c) Pennicillium d) Aspergillus
- II. Fill in the blanks:** 5 x 1 = 5
- One mole of a substance contains _____ atoms or molecules.
 - Hydraulic lift works under the principle of _____.
 - _____ is used as semiconductor.
 - _____ is the basic material to manufacture urea.
 - Microorganism can be seen with the help of a _____.
- III. Match the following :** 5 x 1 = 5
- | | | |
|-------------------|---|-------------------------------|
| 12. Barometer | - | Red algae |
| 13. Tungsten | - | Vaccine |
| 14. Rusting | - | Atmospheric pressure |
| 15. Edward Jenner | - | Making the filament of a bulb |
| 16. Rhodophyceae | - | Iron |
- IV. State True or False:** 5 x 1 = 5
- Quartz clocks are used in GPS devices.
 - Rolling friction is slightly greater than the sliding friction.
 - A chemical reaction is a temporary reaction.
 - Female anopheles mosquito is a carrier of dengue virus.
 - Cell wall of fungi is made up of chitin.
- V. Answer any five questions only :** 5 x 2 = 10
- Define Ampere.
 - Name the three scales of temperature.
 - Name two instruments which help to measure the pressure of a fluid.
 - Define catalysis.
 - Write the names of any three protozoans.
 - Define - Thallus.
 - Seeds of gymnosperm plants are naked. Why?
- VI. Answer three questions only :** 3 x 3 = 9
- Mention any three ways of minimising friction.
 - a) Mention any three compounds that exist in liquid state.
b) Give two examples for metalloids.
 - a) What happens when an iron nail is placed in copper sulphate solution?
b) The head of a match stick contains -----.
 - Write any three economic importance of Algae.
 - What is Virus?
- VII. Answer all questions :** 2 x 5 = 10
- a) List out the base quantities with their units. (OR)
b) Mention the uses of the following compounds.
i) Baking soda ii) Bleaching power iii) Quick lime
 - a) Explain the structure of Chlamydomonas with diagrams. (OR)
b) Write any five differences between monocot and dicot plants.