

Class : 8Register
Number**FIRST MID TERM TEST - 2023**

Time Allowed : 1.30 Hours]

SCIENCE

[Max. Marks : 50

I. Choose the correct answer.**10x1=10**

1. Which one of the following systems of unit is the British system of unit?
(a) CGS (b) MKS (c) FPS (d) SI
2. Luminous Intensity is the intensity of -----.
(a) laser light (b) UV light (c) Visible light (d) IR light
3. Symbol of Mercury is ----
(a) Ag (b) Hg (c) Au (d) Pb
4. Pascal's Law is used in -----.
(a) hydraulic lift (b) brake system
(c) pressing heavy bundles (d) All the above
5. Based on Shape, the bacteria are classified into ---- types
(a) two (b) three (c) four (d) five
6. ----- undergoes rusting.
(a) Tin (b) Sodium (c) Copper (d) Iron
7. Which of the following factor induces electrolysis?
(a) Heat (b) Light (c) Electricity (d) Catalysis
8. ----- shows both living and non living characteristics.
(a) Protozoa (b) Virus (c) Bacteria (d) Fungi
9. One of the following is an edible mushroom.
(a) polyporus (b) Agaricus (c) Penicillin (d) Aspergillus
10. The first land plants are -----.
(a) bryophytes (b) pteridophytes (c) gymnosperm (d) angiosperm

II. Fill in the blanks.**5x1=5**

11. ----- is used to measure electric current
12. The symbol of tungsten is -----.
13. Water contains --- and --- element.
14. --- is enzyme responsible for browning of Vegetables and fruits.
15. A simple barometer was first constructed by-----.

III. Answer the following. (any 10).**10x2=20**

16. What is Measurement?

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17. Name the three scales of temperature.
18. Consider the statements given below and choose the correct option.
Assertion : The SI system of units is the suitable system for measurements.
Reason : The SI unit of temperature is Kelvin.
- Both assertion and reason are true and reason is the correct explanation of the assertion.
 - Both assertion and reason are true but reason is not the correct explanation of the assertion
 - Assertion is true, but reason is false
 - Both assertion and reason are false
19. Why are heavy bags provided with broad straps?
20. Define friction.
21. Match it :
- | | |
|---------------|------------------------------------|
| i) Iron | - For making wires |
| ii) Copper | - Sewing needle |
| iii) Tungsten | - As a fuel for ignition in rocket |
| iv) Boron | - Making the filament of a bulb |
22. What does a chemical symbol represent?
23. Name the metals that are used in jewellery.
24. What is pollution?
25. What are antibiotics?
26. Say true or false. If false, correct the statement.
- Cell wall of fungi is made up of chitin.
 - Mosses are the well developed plant in bryophytes.
27. Define thallus.
28. Write any two differences between algae and fungi.
29. Write a short note on bacteria and its structure.
- IV Answer the following any three questions. 3x5=15**
30. List out the base quantities with their units.
31. Describe an experiment to prove that the pressure in a liquid increases with depth.
32. Tabulate the differences between metals and non - metals.
33. Explain how food items are spoiled by chemical reactions?
34. Draw and label the diagram of bacteria.
35. Write the names of five medicinal plants and one major use for each.