

FIRST MID TERM TEST - 2024

Standard - VIII

Time : 1.30 hrs

SCIENCE

Marks: 50

I. Choose the correct answers:-

10×1=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) SI unit of temperature is _____
a) celsius b) fahrenheit c) kelvin d) ampere
- 3) Unit of pressure is
a) pascal b) Nm⁻² c) poise d) Both a and b
- 4) The liquid metal used in thermometers is
a) Copper b) mercury c) silver d) gold
- 5) Pencil lead contains
a) graphite b) diamond c) aluminium d) sulphur
- 6) _____ undergoes rusting
a) Tin b) Sodium c) Copper d) Iron
- 7) _____ shows both living and nonliving characteristics
a) Protozoa b) Virus c) Bacteria d) Fungi
- 8) _____ is a prokaryotic micro-organisms
a) Virus b) Algae c) Fungi d) Bacteria
- 9) One of the following is an edible mushroom
a) Polyporus b) Agaricus c) Pennicillium d) Aspergillus
- 10) The first land plants are
a) bryophytes b) pteridophytes c) gymnosperm d) angiosperm

II. Fillups:-

5×1=5

- 11) One mole of a substance contains _____ atoms or molecule
- 12) The pressure of a liquid column _____ with the depth of the column
- 13) _____ is used as semiconductors.
- 14) Micro-organism can be seen with the help of a _____
- 15) The word Taxonomy is derived from _____

III. Short answers: (any 10)

10×2=20

- 16) Mention the types of clocks based on their display.
- 17) Name the three scales of temperature?

(2)

VIII SCIENCE

- 18) Complete the analogy
 Knot in a thread : _____ friction
 Ball bearing : _____ friction.
- 19) Name two instruments which help to measure the pressure of a fluid
- 20) Why are heavy bags provided with broad straps?
- 21) Write the constituent elements and their symbols for the following compounds.
 a) Carbon monoxide b) Washing soda
- 22) Give two examples for metalloids.
- 23) Define a Chemical reaction.
- 24) State true or false:-
 a) Female anopheles mosquito is a carrier of dengue virus.
 b) Yeast is used in the large scale production of alcohol.
- 25) Write the names of any three protozoans.
- 26) What are Pathogens?
- 27) Match the following:-
 a) nitrogen fixing bacteria - Vaccine
 b) Tuberculosis - Prion
 c) Kuru - Lactobacillus acidophillus
 d) Probiotics - Bacteria
 e) Edward Jenner - Rhizobium
- 28) What is meant by binomial nomenclature? Give example.
- 29) Write any two characters of dicotyledons.
- 30) Write any two economic importance of fungi.

IV. Answer in detail: (any 3)**3×5=15**

- 31) List out the base quantities with their units.
- 32) Define friction. Give 2 examples of the utility of friction in day to day life.
- 33) Tabulates the difference between metals and non-metals.
- 34) Write the four types of bacteria, based on their shape.
- 35) Write the difference between algae and fungi.
