

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
6.023 × 10²³
- 12) The pressure of a liquid column increase with the depth of the column
- 13) _____ is used as semiconductors. *Silicon (or) Germanium*
- 14) Micro-organism can be seen with the help of a microscope
- 15) The word Taxonomy is derived from Two Greek → taxis and Nomos

III. Short answers: (any 10)**10×2=20**

- 16) Mention the types of clocks based on their display. *i) Analog clocks*
ii) Digital clocks
- 17) Name the three scales of temperature?
i) Celsius ii) Fahrenheit iii) Kelvin

(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

b) Tuberculosis

c) Kuru

d) Probiotics

e) Edward Jenner

- Vaccine 5

- Prion 3

- Lactobacillus acidophilus 4

- Bacteria 2

- Rhizobium 1

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.
