

FMM

FIRST MID TERM TEST - 2024**8** - Std**SCIENCE**

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Time : 1.30 Hrs.

MARKS : 50

I Choose the best option.

10 X 1 = 10

- Which one of the following systems of unit is the British system of unit?
a) CGS b) MKS c) FPS d) SI
- SI unit of temperature is
a) Celsius b) Fahrenheit c) Kelvin d) Ampere
- Unit of Pressure is
a) Pascal b) Nm^{-2} c) Poise d) Both a and b
- Which of the following liquids has more viscosity?
a) Grease b) Water c) Coconut oil d) Ghee
- Symbol of Mercury is
a) Ag b) Hg c) Au d) Pb
- The non-metal which conducts electric current is
a) Carbon b) Oxygen c) Aluminium d) Sulphur
- metal undergoes rusting.
a) Tin b) Sodium c) Copper d) Iron
- Disolved gases like Sulfur dioxide and Nitrogen oxides in rain water causes
a) acid rain b) base rain c) heavy rain d) neutral rain
- Micro organisms are measured in
a) cm b) mm c) micron d) meter
- One of the following is an edible mushroom
a) Polyporus b) Agaricus c) Penicillium d) Aspergillus

II Fill in the blanks.

5 X 1 = 5

- is used to measure electric current.
- The pressure of a liquid column with the depth of the column.
- Water contains and element.
- Photosynthesis is a chemical reaction that takes place in the presence of
- Micro organism can be seen with the help of a

III Answer briefly. (Any 10)

10 X 2 = 20

16. Define Ampere?
 17. Name the three scales of temperature?
 18. State the Pascal's law.
 19. Consider the statements given below and choose the correct option.

Assertion : Sharp knives are used to cut the vegetables.

Reason : Sharp edges exert more pressure.

- a) both assertion and reason are true and reason is the correct explanation
 b) both assertion and reason are true and reason is not the correct explanation
 c) assertion is true but reason false d) both are false
20. Why are Utensils made of Aluminium and Brass?

21. Match the following.

Atom	-	Building block of matter
Element	-	Atoms of different kinds
Compound	-	More the one atom
Molecule	-	Smallest unit of substance

22. What is Pollution?
 23. What happens to the brain during electrolysis?
 24. **State the true or false. If false correct the statement.**
 a) Chicken pox is a communicable disease.
 b) Female anopheles mosquito is a carrier of dengue virus.
 25. What are Pathogens?
 26. Write any two characters of dicotyledons?
 27. Write the difference between Algae and Fungi?

IV Answer the detail.

3 X 5 = 15

28. a) List out the base quantities with their units? **(OR)**
 b) Describe the experiment with diagram the pressure in a liquid increases with depth.
 29. a) Tabulate the difference between metal and non metals.
(OR) b) Is rusting good for iron materials? Explain?
 30. a) How micro organisms are useful in the field of medicine?
(OR) b) Write the differences between monocot and dicot plants.

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