

FIRST MID TERM TEST - 2022**8** - Std**SCIENCE**Reg.
No.

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|--|--|--|--|--|--|

Time : 1.30 Hrs

Marks : 50

I Choose the best answer.

10 X 1 = 10

- Electric current is a quantity
a) base b) supplementary c) derived d) professional
- Luminous intensity is the intensity of
a) large light b) UV light c) Visible light d) IR light
- Unit of pressure is
a) Pascal b) Nm^{-2} c) Poise d) both a and b
- Pascal's law is used in
a) hydraulic lift b) brake system
c) pressing heavy bundles d) all the above
- The liquid metal used in thermometer is
a) copper b) mercury c) silver d) gold
- The non metal which conducts electric current is
a) carbon b) oxygen c) aluminium d) sulphur
- undergoes rusting
a) Tin b) Sodium c) Copper d) Iron
- is a prokaryotic micro organisms
a) Virus b) Algae c) Fungi d) Bacteria
- shows both living and non living characteristics
a) protozoa b) virus c) bacteria d) fungi
- Plants that prevent soil erosion are
a) algae b) fungi
c) bryophytes d) pteridophytes

II Fill in the blanks.

1 X 5 = 5

- The hotness or coldness of substance is expressed by
- A simple barometer was first constructed by
- is the basic material to manufacture urea.
- Microorganism can be seen with the help of a
- The word 'Taxonomy' is derived from

III Answer briefly. (any 10)

10 X 2 = 20

- Name the three scales of temperature.
- Define - mole.
- Complete the analogy :

- a) Knot in a thread : rolling friction : ;
Ball bearing :
- b) Downward force : weight : ;
Upward force offered by liquid :

19. **Match the following.**

- | | | |
|-------------|---|----------------------------------|
| a) Iron | - | For making wires |
| b) Copper | - | Sewing needle |
| c) Tungstan | - | As a fuel for ignition in rocket |
| d) Boron | - | Making the filament of a bulb |

20. Write the symbols for the following element.

- | | | | |
|-----------|---------|------------|---------|
| a) Oxygen | b) Gold | c) Calcium | d) Iron |
|-----------|---------|------------|---------|

21. Define : Catalysis.

22. **Say true of false. If false correct the statement.**

- a) A chemical reaction is a temporary reaction.
b) Formation of slaked lime from quicklime is an endothermic reaction.

23. What is pollution?

24. Write the names of any three protozoans.

25. What are antibiotics?

26. Write any two characters of dicotyledon.

27. **Match the following.**

- | | | |
|------------------|---|------------------|
| a) Cyanophyceae | - | Green algae |
| b) Chlorophyceae | - | Blue green algae |
| c) Phacophyceae | - | Red algae |
| d) Rhodophyceae | - | Brown algae |

IV Answer in detail.

3 X 5 = 15

28. a) Write a short note on different types of clocks.

(OR)

b) Explain how friction can be minimized.

29. a) Tabulate the differences between metals and non metals. **(OR)**

b) i) Define a chemical reaction.

ii) Mention the various conditions required for a chemical reaction to occur.

30. a) How micro organisms are useful in the field of medicine.

(OR)

b) Write the economic important of Gymnospermies.