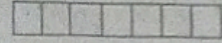


FIRST MID TERM TEST - AUGUST - 2023**7** - Std**SCIENCE**

TIME : 1.00 Hrs

Marks : 30

I. Choose the correct answer.**6x1=6**

1. Which of the following is a derived quantity?
(a) mass (b) time (c) area (d) length
2. SI unit of density is
(a) Kg/m² (b) Kg/m³ (c) Kg/m (d) g/m³
3. A particle is moving in a circular path of radius r. The displacement after half a circle would be.
(a) Zero (b) r (c) 2r (d) r/2
4. ----- is a positively charged
(a) Proton (b) electron (c) Molecule (d) Neutron
5. Proton discoverer -----
(a) Goldstein (b) Thomson (c) Chadwick (d) Rutherford
6. Reproductive part of a plant is
(a) root (b) Stem (c) leaf (d) Flower

II. Answer the following : (Any 7)**7x2=14****7. Match it:**

- | | | |
|--------------|---|---------------------|
| i) Area | - | light year |
| ii) Distance | - | m ³ |
| iii) Density | - | m ² |
| iv) Volume | - | Kg / m ³ |
8. What are the derived quantities?
 9. i) Velocity : metre / Second :: Acceleration : -----
ii) Displacement / time : velocity
Speed / time : -----
 10. What do you mean by constant acceleration?
 11. Define - Atom.
 12. What is Atomic number?
 13. What are the characteristics of Proton?
 14. **State true or false. If false correct the statement.**
i) Conical shaped root is carrot.
ii) Ginger is an underground root.
 15. Define - Pollination.
 16. Write notes on Phyllode.

III Answer in Detail.**2x5 = 10**

17. i) How will you determine the density of a stone using a measuring jar? (OR)
ii) Distinguish isotopes from isobar.
18. i) What are nucleons? Write the Properties of the nucleons. (OR)
ii) Explain the underground Stems.

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