

**Class : 9**Register  
Number**FIRST MID TERM TEST - 2023**

Time Allowed : 1.30 Hours]

**SCIENCE**

[Max. Marks : 50

**PART - I****I. Choose the correct answer.****5x1=5**

- 1 Metric ton is equal to -----.  
(a) 100 quintals (b) 10 quintals (c) 1/10 quintals (d) 1/100 quintals
- The Centrifugal force is -----.  
(a) a real force (b) the force of reaction of centripetal force  
(c) a virtual force (d) directed towards the centre of the circular path
- Among the following ----- is a mixture.  
(a) Common salt (b) juice (c) Carbon dioxide (d) Pure silver
- The number of Protons, neutrons and electrons present respectively in  $^{80}_{35}\text{Br}$  are  
(a) 80, 80, 35 (b) 35, 55, 80 (c) 35, 35, 80 (d) 35, 45, 35
- Identify the animal having four chambered heart.  
(a) Lizard (b) Snake (c) Crocodile (d) Calotes

**PART - II****II Fill in the blanks.****5x1=5**

- Speed is a ----- quantity.
- isotope is used in the nuclear reaction.
- tissues provide mechanical support to organs.
- Radius of a thin wire is measured by -----.
- The larva of an amphibian is -----.

**PART - III****III Answer any 10 of the following,****10x2=20**

- Define Measurement.
- Compare speed and Velocity.
- Match the following,
  - Length - Kelvin
  - Mass - Metre
  - Time - Kilogram
  - Temperature - Second

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14. Define sublimation.
15. True or False. If falso, correct the statement.
- Oil and water are immiscible with each other.
  - Liquid - Liquid colloids are called gel.
16. Write the electronic configuration of K and Cl.
17. Match the following.
- Co elenterata - Snail
  - Piathyelminthes - Starfish
  - Echinodermata - Tapeworm
  - Mollusca - Hydra
18. Find the mass of an Object weighing 98 N.

19. Define Taxonomy.

20. What is complex tissue? name the various kinds of complex tissues.

21. True or False.

- Parenchyma is a simple tissue
- Phloem is made up of tracheids

22. What are permanent tissues?

#### PART - IV

IV Answer any 4 of the following.

4x5=20

23. Explain different types of motion.

24. List out the differences between mitosis and meiosis.

25. Explain Tyndall effect with suitable diagram.

26. Write the rules that are followed in writing the symbols of units in SI system.

27. Differentiate mass and weight.

28. Give an account on phylum Arthropoda.