

Class : 9Register
Number**FIRST MID TERM TEST - 2024.**

Time Allowed : 1.30 Hours]

SCIENCE

[Max. Marks : 50

YouTube/ Akwa Academy**PART - I**

I. Choose the correct answer.

10x1=10

1. 1 Metric Ton is equal to _____
 (a) 100 quintals (b) 10 quintals (c) 1/10 quintals (d) 1/100 quintals
2. Rulers, measuring taps and metre scales are used to measure.
 (a) Mass (b) Weight (c) Time (d) Length
3. 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
4. _____ is essential to perform separation by solvent extraction method.
 (a) Separating Funnel (b) Filter Paper
 (c) Centrifuge Machine (d) Sieve
5. _____ has the same properties throughout the sample.
 (a) Pure substance (b) Mixture
 (c) Colloid (d) Suspension
6. The correct electronic configuration of Potassium is
 (a) 2,8,9 (b) 2,8,1 (c) 2,8,8,1 (d) 2,8,8,3
7. Mesoglea is present in _____
 (a) Porifera (b) Coelenterata (c) Echinodermata (d) Arthropoda
8. The animal without Skull is
 (a) Acrania (b) Acephalia (c) Apteria (d) Acoelomate
9. The Fibres consists of
 (a) Parenchyma (b) Sclerenchyma (c) Collenchyma (d) None of above
10. Smooth Muscles occur in
 (a) Uterus (b) Artery (c) Vein (d) All the above

V/9/Sci/1

PART - II

II Answer any Five questions.

5x2=10

11. Define Measurement.
12. Compare Speed and Velocity.
13. Define Sublimation.
14. Write the Electronic Configuration of K and Cl.
15. What is the same about the Electron Structures of :
 - a) Lithium, Sodium and Potassium
 - b) Beryllium, Magnesium and Calcium.
16. What is Nematocyst?
17. Are Jelly Fish and Star Fish similar to Fishes? If no justify the answer.
18. What is Complex Tissue? Name the various kinds of Complex Tissue.

PART - III

III Answer any Four questions:

4x4=16

19. Differentiate Mass and Weight.
20. Explain different types of Motion.
21. Name the Components in each of the following Mixtures.

(i) Ice cream	(ii) Lemonade	(iii) Air	(iv) Soil
---------------	---------------	-----------	-----------
22. Explain the postulates of Bohr's Atomic Model.
23. List five characteristic features of fishes.
24. List out the differences between Mitosis and Meiosis.

PART - IV

IV Answer any Two questions:

2x7=14

25. a) Explain a method to find the thickness of a Hollow Tea Cup.
(OR)
- b) Derive the equations of Motion by Graphical Method.
26. a) Write the differences between Elements and Compounds and Give an example for each.
(OR)
- b) Give an account on Phylum Arthropoda.

V / 9 / Sci / 2