AGLASEM.COM

Tamilnadu Board

Mid-Term Exam Question Paper

2024



Class : 9

Register Number

FIRST MID TERM TEST - 2024

SCIENCE

Time Allowed : 1.30 Hours] [Max. Marks : 50

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

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.

QUESTION PAPERS

GET PREVIOUS YEAR QUESTION PAPERS FOR ALL CLASSES FOR CBSE, ISCSE, ISC AND ALL ALL STATE BOARDS HERE AT AGLASEM.COM

BOARD WISE

- Andhra Pradesh Board Question Papers
- Assam Board Question Papers
- Bihar Board Question Papers
- Chhattisgarh Board Question Papers
- Goa Board Question Papers
- Gujarat Board Question Papers
- Haryana Board Question Papers
- Himachal Pradesh Board Question Papers
- J&K State Board Question Papers
- Jharkhand Board Question Papers
- Karnataka Board Question Papers
- Kerala Board Question Papers
- Madhya Pradesh Board Question Papers
- Maharashtra State Board Question Papers
- Manipur Board Question Papers
- Meghalaya Board Question Papers
- Mizoram Board Question Papers
- Nagaland Board Question Papers
- Orissa Board Question Papers
- Punjab Board Question Papers
- Rajasthan Board Question Papers
- Tamil Nadu Board Question Papers
- Telangana State Board Question Papers
- Tripura Board Question Papers
- Uttarakhand Board Question Papers
- Uttar Pradesh (UP) Board Question Papers
- West Bengal (WB) Board Question Papers