

Class : 7Register
Number**FIRST MID TERM TEST - 2024**

Time Allowed : 1.00 Hours]

SCIENCE

[Max. Marks : 30

PART - A

YouTube/ Akwa Academy

I. Choose the correct answer.

5x1= 5

1. Which of the following is a Derived Quantity?

- (a) Mass (b) Time (c) Area (d) Length

2. Light Year is the unit of

- (a) Distance (b) Time
(c) Density (d) Both Length and Time

3. The basic unit of matter is -----

- (a) Element (b) Atom (c) Molecule (d) Electron

4. The Sub - Atomic Particle which revolves around the Nucleus is -----

- (a) Atom (b) Neutron (c) Electron (d) Proton

5. ----- is positively charged.

- (a) Proton (b) Electron (c) Molecule (d) Neutron

II. Fill in the blanks.

5x1=5

6. Density of Mercury -----

V/7/Sci/1

7. One Astronomical unit is equal to -----

8. Length of Scale : metre -----

Speed of Aeroplane : -----

9. The smaller particles found in the atom are called -----

10. The Nucleus has ----- and -----

III. Write the short answer: (any five)

5x2=10

11. What are Derived Quantities?

12. Define : Astronomical Unit.

13. What is Centre of Gravity?

14. Define : Atom.

15. What is Atomic Number?

16. What are the characteristics of Proton?

17. Why Neutrons are called Neutral Particles?

IV. Answer in detail (any two)

2x5=10

18. How will you determine the density of a stone using a measuring jar?

19. Write about the experiment to find the centre of gravity of the irregularly shaped plate.

20. Draw the Structure of an atom and Explain the position of the Sub - atomic particles.

V/7/Sci/2