

Class : 7Register
Number**FIRST TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25**

Time Allowed : 2.00 Hours]

SCIENCE

[Max. Marks : 60

PART - I**I. Choose the correct answer.**

10x1= 10

1. Light year is the unit of -----
a) distance b) time c) density d) Both length and time
2. 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
3. Oxygen, hydrogen and Sulphur are example for .
a) Metals b) non -metals c) Metalloids d) Inertgases
4. The metal which is liquid at room temperature is
a) Chlorine b) Sulphur c) Mercury d) Silver
5. The basic Unit of Matter is
a) Element b) Atom c) Molecule d) Electron
6. Pollinators are -----
a) Wind b) Water c) Insect d) All the above
7. Reproductive part of a plant is -----
a) Root b) Stem c) Leaf d) Flower
8. Our living Place should be
a) Open b) Closed c) Clean d) Unclean / untidy
9. Tobacco chewing causes -----
a) Anemia b) Periodontitis c) Tuberculosis d) Pneumonia
10. Who uses the Photoshop software more?
a) Teacher b) Doctor c) Painter d) Photographer

PART - II

15x2=30

II. Answer the following. (any 15)

11. Define - Astronomical unit.
12. i) Give the Value of one light Year.
ii) What is the Density of Gold?
13. Distinguish between Speed and Velocity?
14. A Car starts from rest and its is travelling with a Velocity of 20m/s in 10s. What is its Acceleration?
15. What are the Compounds? give two examples?
16. Write the chemical formula for the following elements.
a) Hydrogen b) Nitrogen c) Ozone d) Sulphur
17. Fill in:
i) ----- is the most abundant gas in the Atmosphere.
ii) There are ----- number of known Elements.

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18. What is Atomic Number?
19. The Atomic number of an element is 9. It has 10 Neutrons. Find the element from the Periodic Table. What will be its Mass number?
20. What is Cross Pollination?
21. Draw the diagram - Parts of Flower and label it.
22. **Match:**
- | | | |
|----------------|---|-----------------|
| a) Petal | - | Oputia |
| b) Hooks | - | Attracts insect |
| c) Fern | - | Bignonia |
| d) Phylloclade | - | Spore |
23. **Analogy:**
- i) Typhoid : Bacteria :: Hepatits : -----
- ii) Tuberculosis : Air :: Cholera : -----
24. Why First Aid is Essential?
25. Write about the right way of Protecting the Eyes?
26. **True or False:**
- i) Rabies is a Fatal disease
- ii) Stomach Ulcer is a non - Communicable Disease.
27. Ginger is considered to be a Stem, not a Root why?
28. What is Raster Graphics?

PART - III

III. Answer any one question from each section.

(Draw a diagram if necessary)

4X5=20

SECTION - A

29. i) How will you determine the density of a Stone using a measuring Jar?
(OR)
- ii) Explain the types of Stability with suitable examples?

SECTION - B

30. i) Differentiate Metals and Non - Metals.
(OR)
- ii) Define Valency. What is the valency of the element with Atomic Number 8?

SECTION - C

31. i) Write a brief Account on Pollination.
(OR)
- ii) Write about any Three Communicable Disease in Detail.

SECTION - D

32. i) Draw the Structure of an Atom and explain the Position of the sub-Atomic Particles.
(OR)
- ii) How the Diseases are Transmitted from one Person to the Other Person.

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