

VILLUPURAM DIST.

Class : 7

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

Time Allowed : 2.00 Hours]

SCIENCE

[Max. Marks : 60

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. An element which is always Lustrous, Malleable and Ductile is
 - a) Non - metal
 - b) Metal
 - c) Metalloid
 - d) Gas
3. Which one of the following is an example for a metal.
 - a) Iron
 - b) Oxygen
 - c) Helium
 - d) Water
4. Oxygen, Hydrogen and Sulphur are examples for
 - a) Metals
 - b) Non - metals
 - c) Metalloids
 - d) Inert Gas
5. The metal which is liquid at room temperature is
 - a) Chlorine
 - b) Sulphur
 - c) Mercury
 - d) Silver
6. The basic unit of Matter is -----
 - a) Element
 - b) Atom
 - c) Molecule
 - d) Electron
7. ----- is positively charged.
 - a) Proton
 - b) Electron
 - c) Molecule
 - d) Neutron
8. Vegetative Propagation by leaves takes place in
 - a) Bryophyllum
 - b) Fungi
 - c) Virus
 - d) Bacteria
9. Reproductive part of a Plant is
 - a) Root
 - b) Stem
 - c) Leaf
 - d) Flower
10. Climbing roots are seen in
 - a) Betel
 - b) Black pepper
 - c) Both of them
 - d) None of them

10x1=10

II. Fill in the blanks:

11. Eyes are considered as ----- to the world.
12. Tuberculosis is caused by the Bacterium -----
13. The male Reproductive part of a Flower is -----
14. After Fertilization the ovules becomes -----
15. Breathing Roots are seen in ----- plants.
16. The smaller particles found in the atom are called -----

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17. ----- is the only Non - metal which conducts electricity.
18. The smallest particle of matter that can exist by itself is -----
19. There are ----- number of known elements.
20. The Rate of Change of velocity is -----

III. Match the following:

5x1=5

- | | | |
|---|---|------------------|
| 21. Displacement | - | Knot |
| 22. Light travelling through vacuum | - | Geometric centre |
| 23. Speed of Ship | - | Metre |
| 24. Centre of gravity of geometrical shaped objects | - | Larger base area |
| 25. Stability | - | Uniform Velocity |

IV. Answer any Ten questions:

10x2=20

26. What is One light year?
27. Define - Astronomical Unit.
28. Length of Scale : metre
Speed of Aeroplane : -----
29. Define Molecule.
30. Write the Chemical formula for the following elements.
a) Hydrogen b) Nitrogen c) Ozone d) Sulphur
31. Name the Sub - atomic particles.
32. What are the Characteristics of Proton?
33. What are the two important parts of a Flower.
34. Define - Pollination.
35. What is Hygiene?
36. Give any two Communicable disease, Which spread in your locality during Monsoon.
37. What first aid will you provide in the case of Bruises?

3x5=15

V. Answer briefly: (Any 3)

38. Write about any three Communicable diseases in detail.
39. Write a brief account on Pollination.
40. Draw the Structure of an Atom and Explain the position of the sub - atomic particles.
41. Differentiate Metals and Non - Metals.
42. Write about the experiment to find the Centre of Gravity of the irregularly shaped plate.

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