**Class : 7**

Register Number

# FIRST TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25

**SCIENCE**

YouTube/ Akwa Academy

Time Allowed : 2.00 Hours]

[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)  Bryophyllyum
    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

**II.  Fill in the blanks:**                                        10x1=10

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 - Astronomial 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?

V. **Answer briefly: (Any 3)**                                                                3x5=15

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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