SUMMATIVE ASSESSMENT – FIRST TERM

SCIENCE

Max. Marks: 60

Std - VI

Time: 2 Hrs

I. Choose the best answer: 12 x 1 = 12

1. Standard SI unit for length is _____.
   a) cubit b) foot length c) km d) m
2. Time for completion of 100m race is measured in _____.
   a) days b) hours c) minutes d) seconds
3. Movement of a sparkler wheel is an example of _____ motion.
   a) linear b) circular c) rotatory d) random
4. To separate iron pieces, sand, and water, the order of steps must be ____
   a) filtration, drying, using a magnet b) using a magnet, filtration, drying
   c) filtration, using a magnet, drying d) none of the above.
5. A mixture of rice husk and pebbles can be separated by _____.
   a) magnetic separation b) sieving
   c) winnowing d) hand-picking
6. Matter must have _____.
   a) mass and shape b) mass and volume
   c) mass and size d) mass and height
7. In bougainvillea the _____ is modified into a thorn.
   a) axillary bud b) leaf
   c) terminal bud d) none of the above
8. Stems of _____ have air spaces.
   a) xerophytes b) hydrophytes c) mesophytes d) all the above.
9. In amoeba, a contractile vacuole helps in _____.
   a) locomotion b) excretion c) respiration d) none of the above
10. A bird's _____ acts as a brake and also helps it to change direction while flying.
    a) wings b) forelimbs c) hind limbs d) tail
11. Cholera and typhoid are caused by _____.
    a) viruses b) bacteria c) protozoa d) fungi
12. Undigested cellulose is called _____.
    a) fat b) roughage c) minerals d) all the above

II. Answer the following: (Any 14) 14 x 2 = 28

13. Identify the type of motion in the following:
    a) cycle wheel b) movement of a merry-go-round
    c) movement of a butterfly d) ripe mango falls from a tree to the ground.

14. Define motion.
15. Write any two basic rules to be followed when measuring quantity.
16. Expand the following:
    a) FPS system b) MKS system
17. Why are gases compressible?
18. What are pure substances? Give two examples.
19. State true or false and correct the false statements:
    a) All solids have the same melting point.
    b) Only liquids have the ability to flow.
20. Ice melts on heating. Why?
21. Plants growing in dry deserts have long roots why?
22. Give any two adaptations of a lizard to live on land.
23. Match the following:
    a) Bacteria - slipper shaped
    b) Lizards - gills
    c) Fish - unicellular
    d) Paramecium - leathery eggs
24. Write any two differences between unicellular and multi cellular organisms.
25. Define a balanced diet.
26. State true or false and correct the false statements.
    a) Fats yield more energy than carbohydrates
    b) Bacteria are multi cellular organisms.
27. Name three foods that contain carbohydrates.
28. How does an amoeba move?
29. Suggest suitable methods to separate the following.
    a) Husk and wheat c) Flour and tiny stones
    b) Muddy water d) Chalk powder and iron powder
30. How are fruits artificially ripened?

III. Answer in detail: **4 x 5 = 20**

31. a) Convert the following:
    i) 43.65 km into metres ii) 3 hours into minutes
    iii) 1500 m into km iv) 500 g into kg

(*Or*)

b) A body at rest or in motion is relative to the movement of the observer. Explain the meaning of this statement with a suitable example.

32. i) What are the most common methods of separating solid substances? Give one example for each.

(*Or*)

ii) What is sedimentation? How is the supernatent liquid separated?

33. i) What are the functions of the roots?

(*Or*)

ii) Draw and label the parts of the leaf.

34. i) Describe how a fish's body is adapted to live in water.

(*Or*)

ii) Define nutrients. What is the difference between micronutrients and macro nutrients?