



## **FORMATIVE ASSESSMENT - FIRST MID TERM**

## SCIENCE

**Max. Marks: 50**

Std - VI

Time: 2 Hrs

<b>Name of the School:</b> <hr/>	<b>Name of the Student:</b> <hr/>
<b>Place:</b> <hr/>	<b>Roll No.:</b> <hr/>

## I. Choose the best answer:

$$5 \times 1 = 5$$

1. The mass of a person is measured in \_\_\_\_\_.  
a) kg      b) g      c) mg      d) tones
2. The unit  $1/100^{\text{th}}$  of a metre is \_\_\_\_\_.  
a) mm      b) cm      c) km      d) dm
3. A mixture of rice husk and pebbles can be separated by \_\_\_\_\_.  
a) magnetic separation      b) sieving      c) winnowing      d) filtration
4. Liquids have \_\_\_\_\_.  
a) definite volume and not shape      b) definite shape and not volume  
c) no definite shape and volume      d) none of the above
5. Stems of \_\_\_\_\_ have air spaces.  
a) xerophytes      b) hydrophytes      c) mesophytes      d) none of the above

## II. Fill in the blanks:

$$6 \times 1 = 6$$

6. Tones is unit for measuring \_\_\_\_\_.
7. SI system of units was introduced in the year \_\_\_\_\_.
8. 300 seconds is equal to \_\_\_\_\_ minutes.
9. The \_\_\_\_\_ prepares food for the plant.
10. \_\_\_\_\_ method used to separate seeds from lemon juice.
11. In bougainvillea the \_\_\_\_\_ is modified into a thorn.

### III. Match the following:

$$5 \times 1 = 5$$

12. Number of pencils - minutes

13. Duration of science period - climber

14. Liquids - sepals

15. Pepper - dozen

16. Calyx - definite volume and not shape

**IV. Answer the following:****12 x 2 = 24**

17. Pick the odd one in the group and give a reason.
  - a) km, m, cubit, cm
  - b) hour, day, km, second
  - c) duration of a day, time for reaching Chennai from Kovai, duration of paddy crop.
  - d) sundial, sand clock, beam balance, digital clock
18. Expand the following:
  - a) CGS system
  - b) MKS system
19. State true or false and correct the false statement.
  - a) All solids have the same melting point.
  - b) Decantation is very effective in separating fine sand and water.
20. Suggest suitable methods to separate the following.
  - a) Chalk powder and iron powder.
  - b) husk and wheat.
  - c) flour and tiny stones.
21. Answer the following in 1 or 2 sentences:
  - a) Give two examples of compressed gases.
  - b) Plants growing in dry, deserts have long roots, why?
22. Draw a diagram of the parts of a root and label it.
23. Answer the following: (Any 5)
  - a) What is a unit?
  - b) What is measurement?
  - c) Define adulteration.
  - d) Why are gases compressible?
  - e) What will be the 'filtrate' and 'residue' when muddy water is filtered?
  - f) Opuntia does not contain leaves, why?
  - g) What are thorns? Explain their function.

**V. Answer in detail: (Any 2)****2 x 5 = 10**

24. Define length, mass, and time, and what are the SI units for length, mass, and time?
25. Compare solids, liquids, and gases based on
  - (i) arrangement of particles
  - (ii) forces between the particles
26. What do you understand by the following terms?
  - a) Tendrils
  - b) Sepals
  - c) Anther
  - d) Petals