

FORMATIVE ASSESSMENT - FIRST MID TERM

SCIENCE

Max. Marks: 50

Std - VI

Time: 2 Hrs

Name of the School:	Name of the Student:
Place:	Roll No.:

I. Choose the best answer: 5 x 1 = 5

1. The mass of a person is measured in _____.

a) kg b) g c) mg d) tones
2. The unit 1/100th 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 x 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 x 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