



FORMATIVE ASSESSMENT - SECOND MID TERM

SCIENCE

Max. Marks: 50

Time: 2 Hrs

Std - VI

Name of the School:

Name of the Student:

Place:

Roll No.:

I. Choose the correct answer:

$$5 \times 1 = 5$$

II. Fill in the blanks:

$$5 \times 1 = 5$$

6. The material used to make heating coils is _____
7. Cultivation of crops is a _____
8. Cell wall is present in _____ cells
9. Parts of a cell are called _____
10. The genetic material of a cell is contained within the _____

III. Short answers: (any 7)

$$7 \times 2 = 14$$

11. Who am I?

- I am a shiny liquid used in thermometers. _____
- I am the standard unit of temperature. _____

12. True or false:

- Temperature of a body decreases when heat energy increases
- Materials that do not conduct heat are called insulators.

13. Circle the odd one and give a reason.

- Bursting of crackers, burning of paper, bursting of a balloon, germination of seeds.
- Melting, condensation, freezing, rusting.

14. Friction might cause forest fires. Do you agree with this?

15. Assertion: The melting of ice is an endothermic change.
Reason: Endothermic change involves the liberation of heat.

- Both A and R are correct and R explains A
- Both A and R are correct, but R does not explain A
- A is true and R is false
- A and R are false

16. Analogy:

- Prokaryote : Cyanobacteria :: Eukaryote : _____
- Amoeba : Unicellular :: Monkey : _____

17. Arrange in a correct sequence.

- Hen egg, Ostrich egg, Insect egg
- Mango tree, Bacteria, Spirogyra

18. Name the cell organelle that is found only in plant cells.

19. What are colourless plastids called?

20. Match the following:

a. Chlorophyll	-	mitochondria
b. Enzymes	-	lysosomes
c. Powerhouse	-	biocatalysts
d. Suicide bag	-	green pigment

IV. Answer in brief: (any 4) 4 x 4 = 16

- Give four uses of solar energy.
- Distinguish between heat and temperature.
- Differentiate between periodic and non-periodic changes.
- What is the difference between vacuoles in plant and animal cells?
- Distinguish between cytoplasm and protoplasm.
- Which organelle sticks on to the endoplasmic reticulum giving it a rough appearance?

V. Answer in detail: 2 x 5 = 10

- a. Differentiate between physical and chemical changes.
(Or)
b. What are the components of a solution? Explain each of them.
- a. Lysosomes are known as suicide bags of the cell. Why?
(Or)
b. Why is the plasma membrane a semi-permeable membrane?