

## SECOND MID TERM TEST - 2024

### Standard - VI

Time: 1.30 hrs

SCIENCE

Marks:50

I Choose the appropriate answer :

5x1=5

1. The unit of Heat is \_\_\_\_\_  
 a) newton                      b) joule                      c) volt                      d) celsius
2. Electricity is produced in \_\_\_\_\_  
 a) transformer              b) power station              c) electric wire              d) Television
3. Formation of curd from milk is a/an \_\_\_\_\_ change.  
 a) reversible              b) fast                      c) irreversible              d) undesirable
4. The unit of measurement used for expressing dimension (size) of cell is \_\_\_\_\_  
 a) centimeter              b) millimeter              c) micrometer              d) meter
5. The 'Control centre' of the eukaryotic cell is \_\_\_\_\_  
 a) Cell wall                      b) Nucleus                      c) Vacuoles                      d) Chloroplast

II Fill in the blanks

5x1=5

6. Solids expand on heating.
7. The combination of two or more cells is called a \_\_\_\_\_
8. Boiling of egg results in \_\_\_\_\_ change.
9. I am like a policeman, who am I \_\_\_\_\_
10. The term 'Cell' was coined by \_\_\_\_\_

III Match the following:

5x1=5

- |                         |   |                  |
|-------------------------|---|------------------|
| 11. Control center      | - | Cell membrane    |
| 12. Food producer       | - | Mitochondria     |
| 13. Gate of the nucleus | - | Nucleus          |
| 14. Gate of the cell    | - | Chloroplast      |
| 15. Energy producer     | - | Nuclear membrane |

IV True or False. If false, give the correct answer:

5x1=5

16. Heat is a kind of energy that flows from a hot body to a cold body.
17. The unit of heat and temperature are the same.
18. The Switch is used to close or open an electric circuit.
19. Digestion of food is a physical change.
20. Nerve cell is the longest cell.

(2)

VI Science

5x1=5

**V Analogy**

21. Ice Cube : 0°C :: Boiling water : \_\_\_\_\_
22. Copper : Conductor :: Plastic : \_\_\_\_\_
23. Photosynthesis : \_\_\_\_\_ :: Burning of Coal : Human made change.
24. Burning of matchstick : \_\_\_\_\_ change :: Rotation of earth : Slow change.
25. Food producer : Chloroplast :: Power house : \_\_\_\_\_

**VI Give very short answer (Any 5)**

5x2=10

26. Make a list of electrical equipments at home which we get heat from?
27. Distinguish between heat and temperature (Any 2 points)
28. Draw the circuit diagram for series circuit.
29. What kind of change is associated with decaying of a plant?
30. What is a solution?
31. What are the organelles found only in plant cell?
32. Give three examples for eukaryotic cell.

**VII Answer in Detail (Any 3)**

3x5=15

33. Tabulate the different components of an electric circuit and their respective symbols.
34. Give one example for each case that happens around you
  - a) Slow and fast change
  - b) Reversible and irreversible change
  - c) Physical and Chemical change
  - d) Natural and Manmade change
  - e) Desirable and undesirable change
35. Tabulate any five cell organelles and their function.
36. Draw a plant cell and mark any 5 parts.

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