

SECOND MID TERM TEST - 2024

Standard - VI

Time: 1.30 hrs

SCIENCE

Marks:50

5x1=5

I Choose the appropriate answer :

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 _____ 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)

V Analogy

VI Science

5x1=5

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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