

SECOND MID TERM TEST - 2023**Standard - VI****TIME: 1.30hrs****SCIENCE****MARKS:50****I Choose the best answer:****5x1=5**

1. The Unit of heat is,
 - a) newton
 - b) Joule
 - c) Volt
 - d) Celsius
2. An iron ball at 50°C is dropped in a mug containing water at 50°C - The heat will,
 - a) flow from iron ball to water
 - b) not flow from iron ball to water or from water to iron ball
 - c) Flow from water to iron ball
 - d) increase the temperature of both
3. Formation of curd from milk is
 - a) a reversible change
 - b) a fast change
 - c) an irreversible change
 - d) an undesirable change
4. Air pollution leading to acid rain is a,
 - a) reversible change
 - b) fast change
 - c) natural change
 - d) human made change
5. The "Control centre" of the eukaryotic cell is,
 - a) cell wall
 - b) Nucleus
 - c) Vacuoles
 - d) Chloroplast

II Fill up the blanks**5x1=5**

6. Heat flows from _____ body to a _____ body.
7. The SI unit of temperature is _____
8. Boiling egg result in _____ change.
9. The instrument used to observe the cell is _____
10. The term cell was coined by _____

III True (or) False. If false give the correct answer:**5x1=5**

11. Heat is a kind of energy that flows from a hot body to a cold body.
12. Burning of match stick is a reversible change.
13. Growing of teeth in an infant is slow change.
14. Nerve cell is the longest cell.
15. New cells are produced from the existing cells.



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VI Science

IV Analogy:

5x1=5

- 16 Heat : Joule : Temperature : _____
- 17 Curdling of milk : irreversible change ; Formation of clouds, _____
- 18 Cooking food : desirable change : decaying of food _____
- 19 Food producer : chloroplasts : power house : _____
- 20 Spirogyra : plant cell ; Amoeba : _____

V Match the following:

5x1=5

- | | | |
|--------------------------|---|----------------|
| 21 Heat | - | 100° c |
| 22 Boiling water | - | Mitochondria |
| 23 Rotation of the earth | - | Joule |
| 24 Gate of the cell | - | Natural change |
| 25 Energy producer | - | Cell membrane |

VI Answer in a sentence (or) two:

5x2=10

- 26 What is temperature?
27. What is thermal expansion?
- 28 What is solution?
29. What happen when paper is burnt? Explain
30. Distinguish between prokaryotic and eukaryotic cells (any two point)

VII Answer in detail:

3x5=15

31. Explain thermal expansion with suitable example. (5)
32. (a) What type of changes is associated with germination of seed? explain. (2)
- (b) Given one example for each case that happens around you. (3)
- (i) Slow and fast change
- (ii) Physical and chemical change
- (iii) Desirable and undesirable change.
33. Tabulate any five cell organelles and their function. (5)
