

Class : 6Register
Number**SECOND MID TERM TEST - 2024**

Time Allowed : 1.00 Hours]

SCIENCE

[Max. Marks :30

YouTube/ Akwa Academy**I. Choose the correct answer.****5x1=5**

1. ----- is a Good conductor.
 - (a) Wood
 - (b) Silver
 - (c) Plastic
 - (d) Rubber
2. An iron ball at 60°C is dropped in mug containing water at 60°C. The heat will -----
 - (a) flow from iron ball to water
 - (b) flow from water to iron ball
 - (c) Increase the temperature of both
 - (d) not flow from iron ball to water or from water to iron ball.
3. Formation of curd from milk is -----
 - (a) a fast change
 - (b) a reversible change
 - (c) an irreversible change
 - (d) an undesirable change
4. The control centre of the eukaryotic cell is -----
 - (a) Cell wall
 - (b) Nucleus
 - (c) Vacuoles
 - (d) Chloroplast
5. Which one of the following is not an unicellular organism?
 - (a) Yeast
 - (b) Amoeba
 - (c) Spirogyra
 - (d) Bacteria

II. Match the Following.**5x1=5**

6. Heat - 0°C
7. Temperature - 100 °C
8. Thermal Equilibrium - Kelvin
9. Ice Cube - No heat flow
10. Boiling Water - Joule

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III. Answer any five of the following questions.

5x2=10

11. What do you understand by thermal equilibrium?
12. i) Burning of match stick : ----- change
Rotation of the Earth : ----- change..
- ii) Give one example for each case that happens around you.
- a) Physical change b) Chemical change
13. What are the organelles found only in Plant cell?
14. i) Food Producer : Chloroplast : : Power house : -----
ii) Spirogyra : Plant cell : : Amoeba : -----
15. Give any three examples of eukaryotic cell.
16. What is a solution?
17. Define temperature.

IV. Answer in detail:

2x5=10

18. a) Explain thermal expansion with suitable examples.

(OR)

- b) Give on Examples for each case.

- i) Slow and Fast changes
- ii) Reversible and Irreversible change
- iii) Desirable and Undesirable change.

19. a) Tabulate any five cell organelles and their function.

(OR)

- b) Draw a neat labelled diagram of a Plant cell.

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