

**Class : 7**

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**SECOND MID TERM TEST - 2024**

Time Allowed : 1.00 Hours]

**SCIENCE**

YouTube/ Akwa Academy

[Max. Marks : 30

**I. Choose the correct answer.****7x1=7**

- The body temperature of a healthy man is
  - 0°C
  - 37°C
  - 98°C
  - 100°C
- International Unit of measuring temperature is
  - Kelvin
  - Fahrenheit
  - Celsius
  - Joule
- The Chemical Change is
  - Water to Clouds
  - Growth of a Tree
  - Cowdung to Bio Gas
  - Ice cream to molten ice cream
- is an example of a Periodic Change.
  - Earthquake
  - Formation of Rainbow in sky
  - Occurance of tides in seas
  - Showering of Rain
- Basic Unit of Life.
  - Cell
  - Protoplasm
  - Cellulose
  - Nucleus
- Wood is -----
  - Conductor
  - insulator
  - semiconductor
  - none of these
- helps in cell division.
  - Endoplasmic reticulum
  - Golgi complex
  - Centriole
  - Nucleus

**II. Fill in the blanks:****3x1=3**

- Mature Red Blood Cell does not contain a -----
- Respiration is a ----- change.
- The common laboratory Thermometer is ----- Thermometer.

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**III. Give short answer:(any 5)****5x2=10**

11. What are the functions of Cell Wall in Plant Cell?
12. Write short note on Nucleus.
13. State two examples of Periodic Change.
14. Distinguish Physical Change and Chemical Change.
15. Convert the given Temperature.
  - i)  $45^{\circ}\text{C} = \text{----- } ^{\circ}\text{F}$
  - ii)  $100 \text{ K} = \text{----- } ^{\circ}\text{C}$
16. What is the use of Kink in Clinical Thermometer?
17. Match the following.
  - (i) Clinical Thermometer -  $100^{\circ}\text{C}$
  - (ii) Normal temperature of Human body - Kink
  - (iii) Boiling point of water -  $0^{\circ}\text{C}$
  - (iv) Melting point of water -  $37^{\circ}\text{C}$

**IV. Answer in Detail.****2x5=10**

18. a) Draw the diagram of a Clinical Thermometer.

**(OR)**

- b) Explain the following statement Digestion is a Chemical Change.

19. a) Write about any three Organells in detail.

**(OR)**

- b) What are the difference between Plant Cell and Animal Cell.

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