

SECOND MID TERM TEST - 2023**6 - Std****SCIENCE**

Time: 1.00 Hrs.

Marks: 30

I. Choose the best answer:**5×1=5**

- 1) The device which converts chemical energy into electrical energy is
a) Fan b) Solar cell c) Cell d) Television
- 2) The 'Control centre' of the Eukaryotic cell is _____.
a) Cellwall b) Nucleus c) Vacuoles d) Chloroplast
- 3) The unit of heat is _____.
a) Newton b) Joule c) Volt d) Celsius
- 4) _____ is a good conductor.
a) Silver. b) Wood c) Rubber d) Plastic
- 5) Electricity is produced in _____.
a) Transformer b) Power station c) Electric wire d) Television

II. Fill in the blanks:**2×1=2**

- 6) Bursting of fire crackers is a _____ change.
- 7) The term "cell" was coined by

III. True or False. If false, give the correct statement:**3×1=3**

- 8) Digestion of food is a physical change.
- 9) The unit of heat and temperature are the same.
- 10) Pure water is a good conductor of Electricity.

IV. Match it:**5×1=5**

- | | | |
|-------------------------|---|--------------|
| 11) Ice cube | - | No Heat flow |
| 12) Thermal equilibrium | - | Mitochondria |
| 13) Boiling water | - | 0°C |
| 14) Control center | - | 100°C |
| 15) Energy producer | - | Nucleus |

V. Answer any Five:**5×2=10**

- 16) What is temperature?
- 17) Make a list of electrical equipments at home which we get heat from?
- 18) Draw the circuit diagram for series connection.
- 19) **Circle the odd one out. Give reason for your choice:**
Switch, Bulb, Battery, Generator
- 20) What is a solution?
- 21) **Analogy:**

- i) Burning of match sticks : _____ change ::
Rotation of Earth : Slow change.
- ii) Distinguish of glucose : Reversible change ::
Digestion of food : _____ change.

- 22) What are the organelles found only in plant cell?
- 23) What is thermal expansion?

VI. Answer in detail:**1×5=5**

- 24) a) Write a short notes on Conductors and Insulators.
b) Draw a neat labelled diagram of a Prokaryotic cell.

(OR)**6 அறிவியல் SINGLE PAGE**