

SECOND MID TERM TEST - 2023

SCIENCE

7 - Std

Time: 1.00 Hrs.

Marks: 30

I. Choose the correct answer:

5×1=5

- 1) _____ of the following are endothermic changes.
 - a) Condensation and Melting
 - b) Condensation and Freezing
 - c) Evaporation and Melting
 - d) Evaporation and Freezing
- 2) The chemical change is _____.
 - a) Water to Clouds
 - b) Growth of a tree
 - c) Cow dung to biogas
 - d) Icecream to molten ice-cream
- 3) Which part of the cell is called the brain of the cell?
 - a) Lysosome
 - b) Ribosome
 - c) Mitochondria
 - d) Nucleus
- 4) The body temperature of a healthy man is _____.
 - a) 0°C
 - b) 37°C
 - c) 98°C
 - d) 100°C
- 5) Small amounts of electrical current are measured in milliampere (mA). How many milliampere are there in 0.25A?
 - a) 2.5mA
 - b) 25 mA
 - c) 250 mA
 - d) 2500 mA

II. Fill in the blanks:

2×1=2

- 6) At room temperature, Mercury is in _____ state.
- 7) Mature Red blood cells do not contain a _____.

III. True or False, If false give the correct answer:

3×1=3

- 8) Tarnishing of silver is an example of endothermic change.
- 9) The fuse wire does not melt whenever there is overload in the wiring.
- 10) Only plant cells have chloroplasts.

IV. Match it:

5×1=5

- | | | |
|------------------|---|------------------------|
| 11) Melting | - | Nucleus |
| 12) Suicidal bag | - | Ice cube to water |
| 13) Freezing | - | Lysosome |
| 14) Power house | - | Formation of ice cubes |
| 15) Control room | - | Mitochondria |

V. Answer any Five:

5×2=10

- 16) Distinguish physical and chemical changes.
- 17) Mention any two exothermic reactions.
- 18) What is a battery?
- 19) Define electrical conductivity.
- 20) Why lysosomes are known as scavengers of the cell?
- 21) Virus is called Acellular. Why?
- 22) Why do we use Mercury in thermometers?
- 23) Temperature of Srinagar (J & K) is -4°C and in Kodaikanal is 3°C which of them has greater temperature? What is the difference between the temperatures of these two places?

VI. Answer in detail:

1×5=5

- 24) a) State the similarities and differences between the laboratory thermometer and the clinical thermometer. **(OR)**
b) Compare the plant cell and the animal cell.

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