



St. JOHN'S RESIDENTIAL PUBLIC SCHOOL

Sona Gopalpur, Sampatchak, Patna – Gaya Highway, Patna – 7

Pre – Mid Term Exam - I (2023 – 24)

Grade: IX

Date : / 05/ 23

Subject: SCIENCE

Max Marks: 25

Duration: 1 hr.

Name: _____

Roll: _____

[SECTION – A: CHEMISTRY]

[1+1+1+2+3]

1. The boiling point of water is 100°C . Express this in SI unit.
2. What is the chemical name of dry ice?
3. Gases can be liquify by applying _____ and lowering _____.
4. Give two reason to justify that water is a liquid at room temperature.
5. What is evaporation? State the various factors which affect evaporation.

[SECTION – B: BIOLOGY]

1. Why Mitochondria is called 'Power house' of the cell? [2]
2. Lysosome is called Suicidal Bag'. Why? [1]
3. Give one word:- [3]
 - a) The longest cell in our body.
 - b) Smallest cell.
 - c) Largest animal cell.
4. Write the name of type of cell division. [1]
5. Write the full form of:- [2]
 - a) SER
 - b) DNS
 - c) RNS
 - d) RER

[SECTION – C: PHYSICS]

1. Write the difference between Uniform and Non-uniform motion. [2]
2. What is acceleration? [1]

3. An object travels 16 m in 4 sec and then another 16 m in 2 sec.
Find the average speed. [2]
4. AB is a diameter of a circle of radius r. A particle starting from A completes 3 and half revolution. Find the distance and displacement of particle. [2]
5. A body is moving with a velocity of 20m/s. If the motion is uniform, find the velocity after 20 sec. [1]