



**S.N. Public High School
Indrapuri, Tajpur Road, Ludhiana
Academic Session: 2024-25
Assignment III**

Class: - IX

Subject:- Science

Note: Writing should be Neat and Clean.

Answer the following 3 marks questions in 3-4 lines.

1. List point of difference between homogeneous and heterogeneous mixture.
2. To make a saturated solution, 36 g of sodium chloride is dissolved in 100 g of water at 293 K. Find its concentration at this temperature.
3. What is meant by pure substance?
4. Explain the following with examples.
 - a)Saturated Solution
 - b)Colloid
 - c)Suspension
5. Who discovered cell and how?
6. Why is a plasma membrane for selectively permeable membrane?
7. Why are lysosomes called suicide bags?
8. Which organelle is called as the power house of the cell?