



# **JYOTI PUBLIC SCHOOL**

**Holiday Homework Assignment, (2018-19)**

**Class-9<sup>th</sup>**

**Sub-Science**

## **Topic -**

- 1- The Structural and functional unit of life: cell
- 2- Matter is our surrounding

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- Q 1 :- Mitochondria is known as power house of cell . Why?
  - Q 2:- Cell membrane is a selective permeable membrane . Why?
  - Q 3:- Cell is a structural and functional unit of life . Why?
  - Q 4:- Differentiate between diffusion and osmosis .
  - Q 5:- Explain Mitochondria with the help of suitable diagram.
  - Q 6:- Explain nucleus with the help of suitable diagram.
  - Q 7:- Lysosomes is known as suicide bags. Why ?
  - Q 8:- What is matter? How is it classified?
  - Q 9:- What is difference between evaporation and boiling ?
  - Q10:- Define latent heat and fusion.
  - Q11:- Draw a diagram of plant cell, animal cell and nerve cell.