



Student Name					
Date		Grade	IX	Roll No.	
Subject	Science ( Bio)	Marks	10	Teacher's Sign	

### Chapter wise Test : Fundamental Unit of Life

- 1 Who discovered cells in 1665 ? 1
- 2 What is called the structural and functional unit of life ? 1
- 3 A cell will swell up if 1
  - (a) The concentration of water molecules in the cell is higher than the concentration of water molecules in the surrounding medium.
  - (b) The concentration of water molecules in the surrounding medium is higher than the concentration of water molecules in the cell.
  - (c) The concentration of water molecules is same in the cell and in the surrounding medium
  - (d) The concentration of water molecules does not matter.
  
4. Which of the following statement marks as a difference between plant cell and animal cell? 1
  - (a) Plant cells have cell wall which animal cells do not.
  - (b) Plant cells do not have vacuole while animal cells do have.
  - (c) Plant cells have only cell membrane while animal cells have both cell wall as well as cell membrane.
  - (d) Plant cells have more plastids while animal cells have few plastids.
  
- 5 Answer any 3 of the following questions: 6
  - a) Why is cell called structural and functional unit of life?
  - b) Why is plasma membrane called electively permeable?
  - c) Can you name two organelles that contain own genetic material?
  - d) Why lysosomes are called the suicidal bags?
  - e) Which organelle is called the power house of the cell ?Why?