## 

## CLASS : IX THE FUNDAMENTAL UNIT OF LIFE - WORKSHEET

## 1 Cell is a Latin word for ‘a little room’. Who coined the term cell?

|  |  |  |  |
| --- | --- | --- | --- |
|  | a) Robert Book  c) Charles Hooke | b)  d) | Robert Hooke  Leeuwenhoek |
| **2** | **Plasma membrane is**  a) Semi permeable | b) | permeable |
|  | c) Selectively permeable | d) | Non permeable |

1. **Movement of water molecules through a selectively permeable membrane is called**
   1. diffusion b) osmosis

c) Plasmolysis d) None of the above

## A prokaryotic cell

* 1. Do not have defined nuclear membrane
  2. Do not have membrane bounded cell organelles
  3. Have a single chromosome d) All of the above

## is a system of membrane bound vesicles arranged parallel to each other in stacks called cisterns.

* 1. Golgi apparatus b) Plastid

c) Lysosome d)

## Chromoplasts are plant pigments which give

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a) green b) No colour

c) Colour other than green d) All of the above

## Mitochondria

* 1. Is called power-house of the cell b) Have their own DNA

c) Double membrane organelle d) All of the above

## Lysosome is called suicide bag of the cell because

* 1. It causes any cell to commit suicide b) It’s enzyme digest the cell itself

c) It kills surrounding cells d) All of the above

## The difference between plant cell and animal cell is that

* 1. Plant cell have cell wall which animal cell do not

c) Plant cell have only cell membrane while animal cell have both cell wall

* 1. Plant cell do not have vacuole while animal cell do have

d) Plant cell have more plastids while animal cell have few plastids

## When raisins are kept in plain water, water enters the raisins because

* 1. Raisins do not have water b) Water can enter any where

c) Raisin contain dilute solution inside d) Raisin contains concentrated solution

inside