

H/W
13.07.21

Short Answer Questions:

3. Briefly describe the three essential parts of a cell.

Ans- The three essential parts of a cell are -

i) The outermost cell membrane

ii) The Cytoplasm

iii) The Nucleus

i) Cell membrane : Each cell is bound by a thin membrane called the cell membrane or plasma membrane. It allows only certain substances can pass in and out, while others cannot. It is a living structure present in both plant and animal cells. The cell membrane is called selectively ~~per~~ permeable. This allows the entry of certain molecules only, while holding back the others.

ii) Cytoplasm

The cytoplasm is a semi-liquid, colourless and translucent substance. It is found between nucleus and the cell membrane.

iii) Nucleus

- Nucleus is a small spherical mass mostly located towards the centre of the cytoplasm. It is the most important part of a cell. It consists of genetic information
- It regulates and coordinates various life processes of the cell.
 - It plays an important part during cell division.