

Short Answer Questions

Q1. Name the scientist who invented the first microscope?

ans:- Zacharias Jansen is the scientist who invented the first microscope.

Q2. Who coined the term 'cell'?

ans:- Robert Hooke coined the term 'cell'.

Q3. Briefly describe the 3 essential parts of cell?

ans:- The 3 essential parts of cell are:- Cell membrane (Plasma Membrane), Cytoplasm and Nucleus

i) Cell Membrane:- Each cell is surrounded by a cell membrane is called plasma membrane.

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

iii) Nucleus:- Nucleus is a small spherical mostly located towards the centre of the cytoplasm. It is the most important part of the cell.

Long Answer Questions

Q1. Briefly describe the structure of nucleus and mention its any two functions.

ans:- Nucleus is a small spherical mostly located towards the centre of the cytoplasm. It is the most important part of the cell.

The two functions of Nucleus are:-

i) It regulates and coordinates various life processes of a cell.

ii) It plays an important part during cell division.