

Short Answers question

Name the scientist who invented the

first microscope. Antony van Leeuwenhoek

Who coined the term 'cell'. Robert Hooke

Briefly describe three essential parts of a cell.

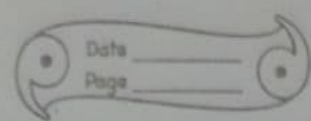
The three basic parts of a cell are:

Cell membrane

Cytoplasm

Nucleus

Cell membrane: This is the outer most part of a cell. It is also called as plasma membrane. It is very thin, delicate and flexible. It is present both in animal and plants. It has fine pores in it, through



which only certain substances can pass in and out.

2. Cytoplasm: It is a semi-liquid substance, which is colourless and translucent. It is found between the nucleus and the cell membrane.

3. Nucleus: It is a small spherical mass mostly located towards the centre of the cytoplasm. It is the most important part of the cell. It regulates and coordinates various life processes of the cell and plays an important role in cell division.