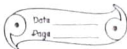


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Short Answer Questions :

1) Name the scientist who invented the first microscope Antonie Van

2) Who coined the term 'cell' ? Robert Hooke

3) Briefly describe the three essential parts of cell

Ans) The 3 essential parts of a cell are :

* cell membrane ÷ The cell membrane is called selectively permeable. This allows the entry of certain molecules only, while holding back the others.

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

* Nucleus ÷ Nucleus is a small spherical mass mostly located towards the center of the cytoplasm. It is the most important part of the cell.

2) Name the scientist who coined the term "cell".
How many lenses did he use in his microscope? What did he observe under his microscope?

Ans) The first scientist to coin the term "cell" is Robert Hooke. He used 2 lenses in his microscope.

* He observed a cluster of box-like cubicles piled up together. This reminded him of "cells" of monks living in a monastery. So, he uses