

EH-3

Short Answer Questions

1. Name the scientist who invented the first microscope?

Ans. The scientist who invented the first microscope is "Robert Hooke's".

2. Who coined the term "cell"?

Ans. Robert Hooke's coined the term "cell".

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

Ans. The three essential parts of a cell are

* Plasma Membrane * ~~Cytoplasm~~ → Cell is surrounded by a cell membrane, called plasma membrane

* 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 centre of the cytoplasm.

~~Q1~~ ~~Ho~~

Long answer questions

Q2 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 → Robert Hooke's is the Scientist who coined the term "cell". Two lenses he use in his microscope. he observed a cluster of box-like cubicles piled up together. ~~This~~ This reminded him of "cells" of monks living in a monastery. So, he was the first to call them cell.