

Activity Worksheet

Challenging brain

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Word Box

Topic: Cell

Directions: Complete the paragraph given below choosing appropriate words from the word box in the space provided.

eukaryotes	Robert Hooke	absent	selectively permeable
plasma membrane	present	cork slice	prokaryotes

Cells were first discovered by _____ in 1665. He observed the cells in a _____ with the help of a primitive microscope. Organisms with cells in which the nuclear material is not bounded by a definite nuclear membrane are called _____. While the advanced and complete cell in which the nucleus has a definite nuclear membrane is called _____.

In a prokaryotic cell, most of the other cytoplasmic organelles are _____ however they are _____ in eukaryotic cells.

The outermost covering of the cell that separates the contents of the cell from its external environment is called _____. It prevents and allows entry and exit of only limited materials in and out of the cell. Therefore, it is called _____ membrane.