

HARI VIDYA BHAWAN

Worksheet - 1

Class-IX

Subject- Science

Session- 2020-21

Ch- 5 The fundamental unit of life

Date-21/03/2020

Discovery of cell:-

*In 1665 First **Robert hook** was discovered the dead cell in a cork of bark of Oak tree through his self designed primitive microscope.

***Leeuwenhoek** in 1674, was discovered first living cells (algae) in pond water.

***Robert brown** in 1831 discovered nucleus in the cell.

***Schleiden and Schwann** proposed cell theory.

Cell theory:-*All the living organisms are made up of one or more cells.

* Cell is basic structural and functional unit in all organisms.

* All cells arise from pre-existing cells.

Practice question:-

Q.1 Who discovered the cell and how?

Q.2 Who discovered the nucleus of the cell?

Q.3 Why is the cell called structural and functional unit of life?

Q.4 Who gave the cell theory?

Q.5 Who discovered first living cell?

(a) Robert brown (b) Robert hooke (c) Leeuwenhoek (d) Purkinje.