**Fundamental unit of life(Assignment –I)**

Q What is the function of SER in liver cells of vertebrates?

QWhy the RER appears rough?

QWhy viruses are not supposed to be living?

QWhat is a nucleoid?

Q Why dry raisins placed in water swell up?

QWhere are genes located?

QWhat will happen if we keep a plant cell or animal cell in a i) Hypotonic solution ii)

Hypertonic solution iii) Isotonic solution.

QExplain the importance of osmosis for living beings?

Q Give the historical development of cell theory.

QWho coined the term “cell “ and how?

Q Write the contribution of (a) Robert Hooke, (b) Leeuwenhoek (c) Robert Brown

QDraw a large diagram of an animal cell as seen through aan electron microscope. Label

the parts that carry on the function of Respiration, secretion, protein synthesis, transport of

material.

Q Which substance is responsible for transfer of characters from one generation to another.