

Class-9

Subject-BIOLOGY

Topic- The fundamental unit of life-cell

Date of submission-5th May 2017

- 1 Write the main function of leucoplast.
- 2 What is the function of SER in liver cells of vertebrates?
- 3 Why the RER appears rough?
- 4 Why viruses are not supposed to be living?
- 5 What is a nucleoid?
- 6 Why dry raisins placed in water swell up?
- 7 In which part of a plant chlorophyll is present?
- 8 Where are genes located?
- 9 What will happen if we keep a plant cell or animal cell in a i) Hypotonic solution ii) Hypertonic solution iii) Isotonic solution.
- 10 Explain the importance of osmosis for living beings?
- 11 Give the historical development of cell theory.
- 12 Who coined the term “cell “ and how?
- 13 Write the contribution of (a) Robert Hooke, (b) Leeuwenhoek (c) Robert Brown
- 14 Which substance is responsible for transfer of characters from one generation to another?