Assignments for First Term  
Class – IX 
Biology  
ASSIGNMENT 1 

Fundamental unit of life

Q1 Write the main function of leucoplast.
Q2 What is the function of SER in liver cells of vertebrates?
Q3 Why the RER appears rough?
Q4 Why viruses are not supposed to be living?
Q5 What is a nucleoid?
Q6 Why dry raisins placed in water swell up?
Q7 In which part of a plant chromoplasts are found?
Q8 Where are genes located?
Q9 What will happen if we keep a plant cell or animal cell in a i) Hypotonic solution ii) Hypertonic solution iii) Isotonic solution.
Q10 Explain the importance of osmosis for living beings?
Q11 Give the historical development of cell theory.
Q12 Who coined the term “cell” and how?
Q13 Write the contribution of (a) Robert Hooke, (b) Leeuwenhoek (c) Robert Brown
Q14 Draw a large diagram of an animal cell as seen through an electron microscope. Label the parts that carry on the function of Respiration, secretion, protein synthesis, transport of material.
Q15 Which substance is responsible for transfer of characters from one generation to another?