

Biology (New Book) - 9th Class Biology Urdu Medium Chapter 3 Preparation

Q1. What key role does the Golgi apparatus play in eukaryotic cells.

Ans 1: In eukaryotic cells golgi apparatus is responsible for transporting modifying and packaging proteins and lipids into vesicles for delivery to targeted destinations.

Q2. What are the main functions of cell membrane.

Ans 1: The main function of cell membrane is to allow only few molecules to pass through it while blocking many other molecules.

Q3. Which type of cell is responsible for sending nerve signals.

Ans 1: Neurons are the specialized cells of nervous system which are responsible for sending nerve signals throughout the body.

Q4. Why are the cristae important for cellular respiration.

Ans 1: The cristae play a vital role in cellular respiration by providing a large surface area.

Q5. Which organelle detoxifies harmful substances and breaks down lipids.

Ans 1: i. smooth endoplasmic reticulum involved in lipid metabolism.
ii. It also detoxifies the harmful chemicals that have entered the cells

Q6. What is chloroplast.

Ans 1: chloroplast is a type of a plastid bound by a double membrane. It is found in plant cells, Chloroplasts are the sites of photosynthesis in eukaryotes. They contain chlorophyll, the green pigment necessary for photosynthesis

Q7. Write the structure of a neuron.

Ans 1: A neuron consists of a cell body and two types of cytoplasmic extensions, one is dendrites and other is axons.

Q8. What could happen if lysosomal enzymes stop working properly.

Ans 1: If lysosomal enzymes stop working properly, they do not digest food and cells accumulate waste and eventually die.

Q9. What is the function of the cell wall.

Ans 1: Cell wall provides shape, strength, protection and support to the inner living matter to the cell

Q10. Which organelle detoxifies harmful substances and breaks down lipids.

Ans 1: Smooth endoplasmic reticulum detoxifies harmful substances and breaks down lipids
