

Section "B" Short Answer Questions

Marks: 18

NOTE: Answer any SIX questions from this section. Each question carries 03 marks.

Define: Diffusion, Osmosis and Endocytosis

What is mitosis? Name four stages of it and define any one.

Draw a neat and labelled diagram of mitochondria.

Name different types of animal tissues and describe any one.

Write three characteristics of members of Kingdom Monera (Prokaryotae).

Define Pharmacology, Cell Biology and Taxonomy.

What is Photosynthesis? Define light dependent reactions (light reactions) and light independent reactions (dark reaction)

Make a flow chart, showing different levels of organization of living things.

Write any three fundamental postulates of cell theory.

Section "C" Detailed Answer Questions

Marks: 12

NOTE:

Attempt any TWO questions from this section. Each question carries 06 marks.

11. What are tissues? Name different types of plant tissues. Describe simple permanent tissues in detail. (diagram is not necessary)
12. Define autotrophic nutrition and heterotrophic nutrition. Explain different methods of heterotrophic nutrition in plants.
13. Draw neat and labelled diagram of Digestive System of man (Human Alimentary Canal). OR Internal Structure of Human Heart.
14. Define respiration and explain anaerobic respiration and aerobic respiration. Also write chemical equation of each.