

- Q - 3 (a) Write an explanatory note on gastric digestion. (06)
(b) Describe the process of absorption in small intestine. (06)
OR
(b) Explain the structure and functions of liver. (06)
- Q - 4 (a) Explain the mammalian heart with suitable diagram. (06)
(b) Describe the blood clotting mechanism. (06)
OR
(b) Write an explanatory note on cellular components of blood. (06)
- Q - 5 (a) Discuss the physiology of impulse conduction through the chemical synapse. (06)
(b) (i) Explain physiological types of neuron. (03)
(ii) Write the functions of cerebrum. (03)
OR
(b) Explain action potential in neuron. (06)
- Q - 6 (a) Describe the types and structure of nephron. (06)
(b) Give a detailed account on Adrenal gland. (06)
OR
(b) (i) Write a note on filtration membrane. (03)
(ii) Write the synthesis and functions of thyroid hormones. (03)
