

Q-2 Attempt ANY SEVEN from the following: (14)

1. Write the composition of BILE.
2. Enlist the organs of Digestive system in sequence.
3. What is peristalsis?
4. Narrate about tubular heart.
5. What is synapse? Enlist the different types of synapse.
6. Narrate types of nervous system.
7. Write net filtration pressure of nephron.
8. Give the full forms of TRH, ADH, GnRH and ICSH.
9. Write the names and functions of hormones secreted by Adrenal cortex.

Q-3 (a) Explain the secretion from salivary glands and write the composition and functions of saliva. (06)

(b) Write a note on exocrine and endocrine functions of pancreas. (06)

OR

(b) Explain the digestion in small intestine. (06)

Q-4 (a) What is blood? Write its composition in brief. (06)

(b) Write a note on blood clotting factors. (06)

OR

(b) Describe the structure of four chamber heart with suitable diagram. (06)

Q-5 (a) Explain the generalized structure of neuron and discuss their morphological classification. (06)

(b) Enlist different parts of brain and discuss their functions in detail. (06)

OR

(b) Describe the physiology of impulse conduction through the synapse. (06)

Q-6 (a) Give the detailed account of the anterior pituitary gland. (06)

(b) Sketch, label and describe the internal structure of kidney. (06)

OR

(b) Describe the location, structure and functions of thyroid gland. (06)

———— X ————