

Part B**5 x 6 = 30****Answer ALL questions****Each answer should not exceed 400 words or two pages**

- 11.a. Classify the types of immunity with examples. CO1K2
(or)
11.b. Discuss the functions of plasma proteins. CO1K2
- 12.a. Illustrate the effect of exercise on cardiovascular system. CO2K3
(or)
12.b. Sketch the methods of measuring body fluids. CO3K3
- 13.a. Outline the types and phases of movement of gastro intestinal tract. CO3K4
(or)
13.b. Explain the mechanism of secretion of saliva and gastric juice. CO3K4
- 14.a. Point out the effect of exercise on respiration. CO4K4
(or)
14.b. Deduce the mechanism of respiration. CO4K4
- 15.a. Evaluate the functions of adrenal cortex and adrenal medulla. CO5K5
(or)
15.b. Summarize about reflex activity with suitable examples. CO5K5

Part C**5 x 12 = 60****Answer ALL questions****Each answer should not exceed 800 words or four pages**

- 16.a. Discuss the impact of various autoimmune diseases. CO1K2
(or)
16.b. Express the types and process of blood transfusion. CO1K2
- 17.a. Illustrate about cardiac cycle. CO2K3
(or)
17.b. Examine the mechanism of regulation of blood pressure. CO2K3
- 18.a. Outline about gastric function tests. CO3K4
(or)
18.b. Point out the role of hormones produced by gastro intestinal tract. CO3K4
- 19.a. Evaluate the process of micturition. CO4K4
(or)
19.b. Summarize about the transport of gases in blood. CO4K4
- 20.a. Express the functions of neurotransmitters. CO5K5
(or)
20.b. Report the functions and deficiency disorders of Thyroid hormone. CO5K5
