

**BACHELOR OF PHARMACY EXAMINATION, 2023**

( 1st Year, 2nd Semester )

**HUMAN ANATOMY AND PHYSIOLOGY - II**

Time : Three hours

Full Marks : 75

**GROUP – A (25 marks)****Q1)**

- a) Classify Human Nervous System.
- b) Draw and label a typical Neurone.
- c) Describe generation of Nerve action potential.
- d) Write a short note on Neuroglia.

(25)

**GROUP – B (25 marks)****Q2) What are the different phases of gastric juice secretion? Write down the function of gastric juice.**

(4+6=10)

**Q3) Write notes on (*any two*)**

(7.5x2=15)

- a) General plan of alimentary canal
- b) Salivary juice
- c) Hernia
- d) Structure and function of liver

**GROUP – C (25 marks)****Q4) Discuss the regulation of release and functions of the following hormones**

(4x2=8)

- a) Growth hormone
- b) Vasopressin (ADH).
- c) Prolactin
- d) ACTH

**Q5) Explain the biosynthesis, storage and secretion of thyroxine hormone.**

(12)

**Q6) Describe briefly the organization of pituitary gland.**

(5)

**OR****Q7) Describe briefly the organization of adrenal cortex.**

(5)