

Examination: Bachelor of Pharmacy First Year Second Semester EXAM 2024

Subject: HUMAN ANATOMY AND PHYSIOLOGY-II

Ref. No.: Ex/BP201T/2024

Time: 03 hrs Full Marks: 75

GROUP – A (25 marks)

- Q1)** Write a short note on structure and function of the Ventricles of Brain. (08)
- Q2)** Explain the events in details for Spermatogenesis. (09)
- Q3)** Explain the process and ions involved in generation of Nerve action potential. (08)

GROUP – B (25 marks)

- Q4)** With a neat diagram shortly describe about human alimentary canal.

Or

With a proper diagram describe the histological structure of human alimentary canal. (10)

- Q5)** Write notes on (*any two*) (7.5x2=15)
- a) Larynx.
 - b) External and internal respiration.
 - c) Hernia
 - d) Peptic ulcer

GROUP – C (25 marks)

- Q6)** Discuss the regulation of release and functions of the following hormones (*any 6*): (6x3=18)
- a) Growth hormone
 - b) Vasopressin (ADH).
 - c) Prolactin
 - d) ACTH
 - e) Thyroxine
 - f) Cortisol
 - g) Aldosterone

- Q7)** Describe briefly the organization of pituitary gland. (7)

OR

- Q8)** Describe briefly the organization of adrenal cortex. (7)