

B. Pharmacy 2nd Semester Examination

Anatomy, Physiology and Pathophysiology-II (CBS)

BP-203

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

- Note :** (i) Attempt any five questions selecting one from each section.
(ii) Question number 9 is compulsory.
(iii) All question carry equal marks.

SECTION - A

1. Draw a labeled diagram of gastro intestinal tract (G.I.T). Describe structure and functions of each part of G.I.T. (12)
2. What do you understand by respiratory volume and capacity? Discuss about the physiology of respiratory system. (12)

SECTION - B

3. What is the EEG? Explain the physiology of neurohumoral transmission in the central nervous system. (12)
4. Depict and label the structure of eye. Explain the physiology of vision. (12)

SECTION - C

5. What is the RAAS? Describe the structure and functions of kidney. (12)

[P.T.O.]

6. Explain the synthesis, storage and secretion of thyroid hormones. Explain how blood level of the T_3 and T_4 are regulated. (12)

SECTION - D

7. Describe the causative agents, mode of transmission and prevention of tuberculosis, tetanus and malaria. (12)
8. Define antidote. Describe emergency treatment of shock, burns and poisoning. (12)

SECTION - E

9. Write short notes on the following:
 - (i) Phases of gastric juice secretion.
 - (ii) Respiratory membrane.
 - (iii) Functions of liver.
 - (iv) Taste buds.
 - (v) Enlist the diseases of urinary system.
 - (vi) Oogenesis.
 - (vii) Male sex hormones.
 - (viii) Full form of AIDS.
 - (ix) Functions of hypothalamus.
 - (x) "FFF" response.
 - (xi) Degree of burn.
 - (xii) Antidotes for snake bites. (1×12=12)