

16358(J) 5-16

B. Pharmacy 2nd Semester Examination
Anatomy, Physiology & Health Education-II (NS)
BP-122

Time : 3 Hours

Max. Marks : 70

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 : Attempt any two questions from Section A, any eight questions from Section B, Section C is compulsory & attempt all questions.

SECTION - A

1. Draw a well labelled diagram of nephron. Elaborate physiology of urine formation in detail. (10)
2. Discuss anatomy and physiology of pituitary gland. Enlist functions of hormones of anterior pituitary. (10)
3. Draw a well labelled diagram of digestive system. Discuss composition of gastric juice. Highlight the physiology of acid secretion in stomach. (10)

SECTION - B

4. Discuss role of hypothalamus in formation and secretion of thyroid hormones. (5)
5. What are various processes that regulate rate and depth of respiration? (5)
6. Explain physiology of reflex action with diagram. (5)

[P.T.O.]

7. Give mode of transmission and prevention of diphtheria, chicken pox and rabies. (5)
8. What is balanced diet? Write a note on nutritional deficiency disorders. (5)
9. Explain role of testes and ovaries as endocrine organs. (5)
10. Discuss role of intestine and gall bladder in digestion of fats and proteins. (5)
11. Draw a well labelled diagram of eye. Explain role of various muscles in accommodation. (5)
12. Differentiate spermatogenesis and oogenesis. Explain act of parturition. (5)
13. Write a brief note on physiology of autonomic nervous system. (5)

SECTION - C

14. Write short note on—
 - (a) Bulimia nervosa.
 - (b) GFR.
 - (c) Resuscitation method.
 - (d) Cochlea.
 - (e) Meningitis. (2×5=10)