

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2063)

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B. Pharmacy 2nd Semester Examination
Anatomy Physiology and Health Education-II
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, eight questions from Section-B. Attempt all question from section-C. Section is compulsory.

SECTION - A

1. Explain role of various enzymes involved digestion of carbohydrates and proteins. Explain functions of liver and pancreas as digestive organs. (10)
2. Explain spermatogenesis and oogenesis. Give physiology of menstrual cycle in detail. (10)
3. Draw a well labelled diagram of nephron. Explain physiology of urine formation with special emphasis to counter current system. (10)

SECTION - B

4. Explain mechanism of respiration in brief. (5)
5. Explain neurohumoral transmission in CNS. (5)
6. Define and Classify "Shock". Give treatment of hypovolemic shock. (5)

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7. Give causative agent, mode of transmission and treatment of tuberculosis. (5)
8. Draw a well labeled diagram of eye. Explain the terms myopia, hypermetropia & accommodation. (5)
9. Write a detailed note on Medical Termination of pregnancy (5)
10. What are cranial and spinal nerves? Explain functions of cranial nerves. (5)
11. Explain role of Testes and Ovary as endocrine organs. (5)
12. Explain life cycle of malarial parasite in detail. Elaborate treatment measures for malaria. (5)
13. Write a detailed note on 'balanced diet'. (5)

SECTION - C

Explain followings in brief:

14. Incubation period. (2)
15. Residual volume and vital capacity. (2)
16. ECG & EEG. (2)
17. Functions of gall bladder and spleen. (2)
18. Nephritis and nephroptosis. (2)