

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2125)

15428

B. Pharmacy 1st Semester Examination
Anatomy, Physiology and Health Education-I (CBS)
BP-103

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 : Attempt Five questions selecting one question from each section A, B, C & D and Question no. 9 section E is compulsory. All questions carry equal marks.

SECTION - A

1. Describe the Structure of cell, its components and their functions. (12)
2. Describe the structural and functions of connective tissue. Describe their subtypes with their characteristics. (12)

SECTION - B

3. Classify various types of joints. Describe about various types of synovial Joints with examples. (12)
4. Describe the structure of skeletal muscle. Explain the physiology of muscle contraction. (12)

SECTION - C

5. Describe the composition and functions of blood and its elements. (12)
6. Describe the composition, formation and circulation of lymph. (12)

[P.T.O.]

2

15428

SECTION - D

7. Describe the basic anatomy of heart. Explain the cardiac cycle. (12)
8. (a) Write briefly about atherosclerosis and congestive heart failure. (6)
(b) Write briefly about angina and cardiac arrhythmias. (6)

SECTION - E

9. Write briefly about the following:
 - (a) Mitochondria.
 - (b) Golgi bodies.
 - (c) Neurons.
 - (d) Tendons.
 - (e) Bone marrow.
 - (f) Haemophilia.
 - (g) Arthritis.
 - (h) Lymphoma.
 - (i) Myocardial infarction.
 - (j) ECG.
 - (k) Blood groups.
 - (l) Blood Pressure. (1×12=12)