

[Total No. of Questions - 14] [Total No. of Printed Pages - 2]
(2124)

1678

B. Pharmacy 1st Semester Examination
Anatomy, Physiology & Health Education-I (NS)
BP-113

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.

SECTION - A

Note: Attempt any two question.

1. Describe the regulation of Acid-base balance. (10)
2. Explain formation of different WBC, their structure & functions. (10)
3. Write structure and function of heart, also explain congestive heart failure. (10)

SECTION - B

Note: Attempt any eight questions.

4. Write structure and functions of Mitochondria. (5)
5. Describe composition & functions of Saliva. (5)
6. Write characteristic features of cardiac muscles. (5)
7. Write structure & function of platelets. (5)
8. Explain structure and functions of spleen. (5)
9. Write causes of Hypertension & Cardiomegaly. (5)

[P.T.O.]

10. Discuss Immunity & Autoimmune Disorders. (5)
11. Explain types of joints & osteoarthritis. (5)
12. What are antioxidants? (5)
13. Explain Heart sounds & Electro-cardiogram. (5)

SECTION - C

14. Write short notes on—

- (i) Rh-factor.
- (ii) Free radicals.
- (iii) Structure & function of largest WBC.
- (iv) Arteriosclerosis.
- (v) MIS (ossicles).

(2×5=10)
