

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2064)

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B. Pharmacy 4th Semester Examination
Pathophysiology & Common Diseases (O.S.)
HBP-208

Time : 3 Hours

Max. Marks : 80

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 : Attend five question in all selecting one question from each of the section A, B, C, and D, of the question paper and all the subparts of the question in Section E.

SECTION - A

1. Write an exhaustive note on cell injury and morphological changes during cell injury. (16)
2. Describe cell adaptation in detail. (16)

SECTION - B

3. Describe plasma and cell derived mediators of acute inflammation. (16)
4. Describe the vascular and cellular events occurring during acute inflammation. (16)

SECTION - C

5. Explain atherosclerosis with pathogenesis and clinical significance. (16)
6. Describe the etiology, pathology and pathogenesis of rheumatoid arthritis. (16)

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SECTION - D

7. Explain the etiology, types, pathology and clinical feature of renal failure. (16)
8. Discuss various types of hepatitis stating their etiology, pathophysiology and clinical features. (16)

SECTION - E

9. Write short notes on—
 - (a) What is apoptosis?
 - (b) What are the adhesion molecules?
 - (c) Write the clinical symptoms of congestive heart failure.
 - (d) What are the different forms of epilepsy?
 - (e) Give three example of hyperplasia.
 - (f) Why there is cell swelling during cell injury?
 - (g) What is the role of H. Pylori in peptic ulceration?
 - (h) Enumerate different benign tumors. (8×2=16)