

16373(D)

B. Pharmacy 3rd Semester Examination

Pathophysiology (CBS)

BP-304

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 :** (i) Attempt any five questions selecting one from each section.
(ii) Question number 9 is compulsory.
(iii) All question carry equal marks.

SECTION - A

1. What do you mean by free radicals? Write a detailed note on causes, pathogenesis and morphology of cell injury. (12)
2. Define geriatrics and Gerontology? Describe the cellular changes that occur with aging. (12)

SECTION - B

3. Enlist the inflammatory cells and mediators. Describe the pathogenesis of acute inflammation. (12)
4. Discuss basic mechanisms involved in the process of wound healing. (12)

SECTION - C

5. Define peptic ulcer disease. Describe the etiology, pathogenesis, sign and symptoms of peptic ulcer. (12)
6. How diabetes insipidus is differing from diabetes mellitus? Explain the pathophysiology of diabetes mellitus. (12)

SECTION - D

7. Define auto-immunity and give their mechanism. Write a note on autoimmune disease. (12)
8. Enlist the different sexually transmitted diseases (STDs). Explain the etiology, pathogenesis and symptoms of AIDS. (12)

SECTION - E

9. Write short notes on the following:
 - (i) Oxidative stress
 - (ii) Gout
 - (iii) Allergens
 - (iv) Anaphylaxis
 - (v) Hypersensitivity reactions
 - (vi) Human leukocyte antigens
 - (vii) Autograft & isograft
 - (viii) Infectious hepatitis
 - (ix) Pinocytosis
 - (x) Functions of WBCs
 - (xi) Anemia
 - (xii) Passive immunity(1×12=12)