

FACULTY OF PHARMACY**Pharm D (6-YDC) II – Year (Main & Backlog) Examination, July 2018****Subject: Pathophysiology****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions from Part – A. Any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 Define the terms – Hypertrophy and Atrophy.
- 2 Write the deficiency symptoms of Vit A.
- 3 Write a short note on Adhesion molecules.
- 4 Draw a neat labelled diagram of MHC (Major Histo compatibility) molecule.
- 5 Write the biological effects of carbon monoxide.
- 6 Write the pathophysiology of urinary tract infections.
- 7 Write abt the neurotransmitters involved in depression and mania.
- 8 Write the clinical manifestations of alcoholic liver disease.
- 9 Explain in brief abt etiological factors of crohns disease.
- 10 What are the causes of cell injury?

PART – B (50 Marks)

- | | |
|--|----|
| 11 Write in detail abt STDs. | 10 |
| 12 Write the etiopathogenesis of Type – II diabetes mellitus. | 10 |
| 13 a) Explain abt T _H 1-lymphocytes and B-lymphocytes with a neat labelled diagram. | 6 |
| b) Write the mechanism of transplant rejection. | 4 |
| 14 a) Explain the vascular events of inflammation. | 6 |
| b) Write a note on glycogen storage diseases. | 4 |
| 15 a) Write the etiopathogenesis of hypertension. | 6 |
| b) Explain the hypertrophy in congestive heart failure (CHF). | 4 |
| 16 a) Write a note on lipid peroxidation. | 4 |
| b) Write abt the etiopathogenesis of STROKE. | 6 |
| 17 Write in detail abt tumr suppress or genes. | 10 |
| 18 Explain in detail abt Type – I and Type – II hypersensitivity. | 10 |
