

FACULTY OF PHARMACY**Pharm D (6-YDC) II-Year (Instant) Examination, January 2020****Subject : Pathophysiology****Time: 3 Hrs****Max. Marks: 70****Note:** Answer all Questions from Part-A, Answer any Five Questions from Part-B.**PART- A (10x2 = 20 Marks)**

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| 1) Define the terms Hyperplasia and Metaplasia? | 2 |
| 2) Write the formation of Advanced Glycation End products? | 2 |
| 3) Write a short note on Wnd Healing? | 2 |
| 4) Write a note on Prostaglandins involved in inflammation? | 2 |
| 5) Write a note on MHC antigens? | 2 |
| 6) Write the deficiency symptoms of Vitamin D? | 2 |
| 7) Explain pathophysiology of Starvation? | 2 |
| 8) Discuss Clinical complications of Diabetes mellitus? | 2 |
| 9) Briefly write abt components of Immune system? | 2 |
| 10) Write pathogenesis of Peptic ulcer disease? | 2 |

PART- B (5x10 = 50 Marks)

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| 11)a) Explain etiopathogenesis of Hypertension? | 7 |
| b) Write a note on Glycogen Storage diseases? | 3 |
| 12) Explain in detail Type III and Type IV Hypersensitivity reactions? | 10 |
| 13)a) Explain mechanism involved in Transplant rejection? | 7 |
| b) Write a note on Auto Immunity? | 3 |
| 14) Explain Pathogenesis of Acute Inflammation? | 10 |
| 15)a) Explain pathogenesis of Tuberculosis? | 4 |
| b) Explain Invasion and Metastasis involved in Neoplasia? | 6 |
| 16) Explain etiopathogenesis of AIDS | 10 |
| 17)a) Write the pathogenesis of CHF? | 5 |
| b) Write the pathogenesis of Type II Diabetes mellitus? | 5 |
| 18) Write a note on types of Cell Death? Explain Mechanism involved in Apoptosis with Neat labelled Diagram? | 10 |
