

FACULTY OF PHARMACY
Pharm. D (6 YDC) II-Year (Main) Examination, July 2017

Subject : Pathophysiology

Time : 3 Hrs**Max. Marks: 70**

Note: Answer all questions from Part - A and answer any five questions from Part-B.

PART – A (10 x 2 = 20 Marks)

- 1 Define the terms – Anaplasia and differentiation.
- 2 Write the deficiency symptoms of vitamin B.
- 3 Write a note on chemotaxis.
- 4 How do the free radicals are formed?
- 5 Represent the pathogenesis of Angina pectoris in the form of flow chart.
- 6 Write the clinical manifestations of ulcerative colitis.
- 7 How does wound healing takes place?
- 8 Write the formation of Advanced Glycation End products.
- 9 Write the etiology of parkinsonism.
- 10 What are the effects of smoking?

PART – B (5 x 10 = 50 Marks)

- 11 Write the etiopathogenesis of congestive Heart failure.
- 12 Explain the apoptosis process with a neat labeled diagram.
- 13 (a) Write the etiology of cancer.
(b) Write about the mechanism of Auto immunity.
- 14 (a) Define the term 'bronchial Asthma'. Write the pathogenesis with a neat labeled diagram.
(b) Represent the pathogenesis of Atherosclerosis with a neat labeled diagram.
- 15 Write in brief about Type III and IV Hypersensitivity reactions.
- 16 (a) Explain the pathogenesis of AIDS.
(b) Write about different types of pneumonia.
- 17 (a) Define the term Hepatitis. Write about the etiopathogenesis.
(b) Write the pathogenesis of TB.
- 18 What are the cellular events of Inflammation? Explain in detail.
