

SECOND YEAR PHARM. D : SUMMER - 2018

SUBJECT: PATHOPHYSIOLOGY

Day : *Thursday*  
Date : *05-04-2018*

S-2018-4026

Time 02.00 P.M. TO 05.00 PM  
Max.Marks:70

N.B.

- 1) Q. No.1 and 5 are **COMPULSORY**. Out of remaining any **TWO** questions from Section-I and any **TWO** from Section-II
- 2) Figures to the right indicate **FULL** marks
- 3) Answer to both the section should be written in **SEPARATE** answer book.

SECTION-I

- Q.1 a) Answer **ANY FOUR** of the following: (08)
- i) What is wet gangrene? Give two examples.
  - ii) Define Autografts and Allografts.
  - iii) Define CCF
  - iv) Name clinical features of Parkinsonism.
  - v) Draw a well Labelled diagram of HIV
  - vi) What you mean by Protein Caloric Nutrition?
- b) Enlist the conditions due to fat soluble vitamin deficiency. (03)
- Q.2 Describe the pathophysiology of cell injury. (12)
- Q.3 a) Define immunity and discuss mechanism of autoimmunity. Write a note on Allograft rejection. (07)
- b) Types of hypersensitive reaction. (05)
- Q.4 Write short notes on **ANY THREE** of the following: (12)
- i) Glycogen storage disease.
  - ii) Pathophysiology of Hypertension.
  - iii) Pathophysiology of Schizophrenia.
  - iv) Pathogenesis of Parkinsonism.

SECTION-II

- Q.5 a) Solve **ANY FOUR** of the following : (08)
- i) Define Malignant tumor.
  - ii) Define Tuberculosis.
  - iii) Explain in brief about role of Vitamins.
  - iv) Enlist types of Shock.
  - v) What is pneumonia?
  - vi) Explain in brief about Leprosy.
- b) Explain basic mechanism of chronic inflammation. (03)
- Q.6 Explain Pathophysiology of cancer. (12)
- Q.7 i) Explain Pathophysiology of HIV. (07)
- ii) Explain two types of Hepatitis. (05)
- Q.8 Write a note on **ANY THREE** of the following: (12)
- i) Urinary Tract Infection.
  - ii) Amoebic dysentery.
  - iii) Mechanism of Shock.
  - iv) Biological effect in Radiation.