

S.Y.B.PHARM. SEMESTER-III (2011 COURSE) : SUMMER - 2018

SUBJECT : PATHOPHYSIOLOGY

Day : **Saturday**
Date : **05/05/2018**

S-2018-3956

Time : **02.00 PM TO 05.00 PM**
Max. Marks : 80

N. B. :

- 1) **Q. No. 1 and Q. No.5 are COMPULORY.** Out or remaining solve **ANY TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION - I

- Q. 1** Solve **ANY FIVE** of the following: (10)
- a) Explain risk factors of cancer.
 - b) Explain about biological effects of radiation.
 - c) Define cell adaptation.
 - d) What do you mean by autoimmunity?
 - e) Differentiate between benign and malignant tumors.
 - f) Differentiate metaplasia from hyperplasia.
- Q. 2** Explain pathogenesis of cell injury. Give physical and chemical agents that causes cell injury. (15)
- Q. 3**
- a) Discuss pathophysiology of malignancy. (08)
 - b) Explain basic mechanism of inflammation and repair. (07)
- Q. 4** Write a note on **ANY THREE** of the following: (15)
- a) Allergy
 - b) Glycogen infiltration
 - c) Environmental carcinogenesis
 - d) Glycogen storage disease

SECTION - II

- Q. 5** Solve **ANY FIVE** of the following: (10)
- a) Define Bacillary dysentery.
 - b) What is COPD?
 - c) Define and classify angina.
 - d) What do you mean by acute renal failure?
 - e) What is shock? Give types of shock.
 - f) Explain Schizophrenia.
- Q. 6** Explain pathophysiology of HIV. (15)
- Q. 7**
- a) Explain pathophysiology of bronchial asthma. (08)
 - b) Explain pathophysiology of Parkinsonism. (07)
- Q. 8** Write a note on **ANY THREE** of the following: (15)
- a) Diabetes mellitus
 - b) Paralysis
 - c) Hepatitis
 - d) Sleep disorders

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