

**S.Y.B.PHARM. SEMESTER-III (2011 COURSE) : WINTER -
2017**

SUBJECT : PATHOPHYSIOLOGY

Day : **Monday**
Date : **20/11/2017**

W-2017-3823

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.
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SECTION - I

- Q. 1** Solve **ANY FIVE** of the following: **(10)**
- a) Define cell adaptation.
 - b) Differentiate metaplasia from hyperplasia.
 - c) Define allergy. What are causes and symptoms of allergy?
 - d) Explain about biological effects of radiation.
 - e) What is cancer metastasis?
 - f) Explain about wound repair and healing.
- Q. 2** Define inflammation and its subtypes. Explain pathological events of acute inflammation. **(15)**
- Q. 3**
- a) Explain pathogenesis of cell injury. **(08)**
 - b) Give description about autoimmune diseases. **(07)**
- Q. 4** Write a note on **ANY THREE** of the following: **(15)**
- a) Abnormalities in lipoproteinemia
 - b) Hypersensitivity reactions
 - c) Environmental carcinogenesis
 - d) Glycogen storage

SECTION - II

- Q. 5** Solve **ANY FIVE** of the following: **(10)**
- a) Define Parkinsonism.
 - b) Define bacillary dysentery.
 - c) Explain angina.
 - d) What is Pneumonia?
 - e) What is COPD?
 - f) What is tuberculosis?
- Q. 6** Explain pathophysiology of Diabetes Mellitus. **(15)**
- Q. 7**
- a) Explain Pathophysiology of bronchial Asthma. **(08)**
 - b) Discuss Pathophysiology of HIV. **(07)**
- Q. 8** Write a note on **ANY THREE** of the following: **(15)**
- a) Cardiac arrhythmia
 - b) Hepatitis
 - c) Congestive cardiac failure
 - d) Shock

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