

S.Y.B.PHARM. SEMESTER-III (CBCS - 2015 COURSE) :

WINTER - 2017

SUBJECT : PATHOPHYSIOLOGY

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

W-2017-3793

Time : **02.00 PM TO 05.00 PM**
Max. Marks : **60**

N.B.

- 1) Q.1 and Q.5 are **COMPULSORY**. Out of the 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 book.
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SECTION – I

- Q.1** Solve any **FIVE** questions: **(10)**
- a) Define allergy what are the causes and symptoms of allergy?
 - b) Define shock give types of shock.
 - c) What are the types of hypersensitivity reactions?
 - d) Define angina give classification of angina.
 - e) What do you mean by autoimmunity?
 - f) Differentiate between benign and malignant tumors.
- Q.2** Define cell injury. Explain etiology and pathogenesis of cell injury. **(10)**
- Q.3**
- a) Explain etiology and pathogenesis of cancer. **(07)**
 - b) Explain in brief the mechanism of graft rejection. **(03)**
- Q.4** Write a note on any **TWO**: **(10)**
- a) Abnormalities in lipoproteinemia
 - b) Pathophysiology of hypertension
 - c) Glycogen storage diseases

SECTION – II

- Q.5** Solve any **FIVE** questions: **(10)**
- a) Define epilepsy.
 - b) Explain wound healing.
 - c) What is pneumonia?
 - d) What is acute renal failure?
 - e) What is Ebola?
 - f) Explain bronchial asthma.
- Q.6** Explain basic mechanism of chronic inflammation and mediators in inflammation. **(10)**
- Q.7**
- a) Explain pathophysiology of HIV. **(07)**
 - b) Explain pathophysiology of diabetes mellitus. **(03)**
- Q.8** Write a note on any **TWO**: **(10)**
- a) Peptic ulcer
 - b) Bacillary dysentery
 - c) Typhoid fever

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