

B.PHARM
(SEM-VI) THEORY EXAMINATION 2017-18
PHARMACOLOGY-II

Time: 3 Hours

Total Marks: 100

Note: 1. Attempt all Sections.

SECTION A

- 1. Attempt *all* questions in brief. 2 x 10 = 20**
- a. Give the mode of action of Digitalis
 - b. Define various types of arrhythmia
 - c. Importance of Iron for human body
 - d. Give the uses of fibrinolytics
 - e. Write the functions of Bradykinin
 - f. Define Laxatives with suitable examples
 - g. Explain the functions of expectorant
 - h. Write down the synthesis of serotonin
 - i. Give the mode of action of aluminium hydroxide gel
 - j. Write the complications of high ceiling diuretics

SECTION B

- 2. Attempt any *three* of the following: 10 x 3 = 30**
- a. Classify antianginal drugs. Discuss the mode of action and Pharmacological action of Nitrates.
 - b. Classify anti-asthmatic drugs. Discuss the mode of action and Pharmacological actions of Theophylline derivatives.
 - c. Classify NSAIDS. Discuss the mode of action and pharmacological actions of Aspirin
 - d. Discuss in detail about the Pathophysiological role of Prostaglandins.
 - e. Define ulcer. Give the mode of action and Pharmacological action of Omeperazole.

SECTION C

- 3. Attempt any *one* part of the following: 10 x 1 = 10**
- (a) Explain in detail about the various approaches used to treat hypertension.
 - (b) Classify antihyperlipidemic drugs. Discuss the mode of action and adverse effects of HMG-Co-A inhibitors.

- 4. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Give the important functions of iron with its distribution in the body.
 - (b) Discuss in detail about the important functions of Vitamin K in human body.
- 5. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Classify Diuretics. Give the mode of action of Spironolactone.
 - (b) Classify anti-gout drugs. Give the treatment schedule to cure Gout.
- 6. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Explain various drug therapy used for the treatment of migraine.
 - (b) Explain in detail about the important actions of serotonin.
- 7. Attempt any *one* part of the following: **10 x 1 = 10****
- (a) Give the detail of various antacids combinations with suitable examples
 - (b) Discuss the treatment of Diarrhoea in detail.