

Subject Code: B133203/R13

III B. Pharmacy II Semester Regular Examinations April - 2017

PHARMACOLOGY-II

Time: 3 hours

Max. Marks: 70

Question Paper Consists of **Part-A** and **Part-B**
Answering the question in **Part-A** is Compulsory,
Three Questions should be answered from **Part-B**

PART-A

1. (a) Write the mechanism of action of Digoxin and mention its therapeutic uses.
- (b) What are Plasma expanders? Give its therapeutic uses.
- (c) Discuss the pharmacological uses of Corticosteroids.
- (d) Define autocoids. List out various autocoids.
- (e) Write a note on respiratory stimulants.
- (f) What is chemoprophylaxis? What is its importance? [4+4+3+4+4+3]

PART-B

2. (a) Classify antihypertensives with suitable examples. Write about ACE inhibitors.
- (b) Discuss the advantages of the following combinations of drugs.
 - (i) Digitalis + Potassium supplement in CCF.
 - (ii) Antihypertensive + Diuretics in hypertension.
 - (iii) Nitrates + β -blockers in angina pectoris. [10+6]
3. (a) Define anticoagulants. Classify & explain pharmacology of oral anti coagulants.
- (b) Classify diuretics. Explain pharmacology & uses of high ceiling diuretics. [8+8]
4. (a) What are the actions of Insulin? Classify Insulin preparation.
- (b) Describe the steps involved in the synthesis of Thyroid hormone. Add a note on thyroid inhibitors. [8+8]
5. (a) Write in detail about 5-HT receptors, their agonists & antagonists.
- (b) Add a short note on Leukotrienes. [10+6]
6. (a) Classify bronchodilators. Write pharmacological actions, Mechanism of actions & adverse drug effects of Theophylline.
- (b) Write a note on anti-tussives. [10+6]
7. (a) What is Immunosuppressant? Classify them with suitable examples and write the pharmacology of any one of the Immunosuppressant drug.
- (b) Write a note on Aminoglycosides as an Antibiotic. [10+6]

