

(LQ 2054)

MARCH 2020

Sub. Code: 2054

**B.PHARM. DEGREE EXAMINATION**  
**PCI Regulation – SEMESTER V**  
**PAPER III – PHARMACOLOGY – II**

*Q.P. Code: 562054*

**Time: Three hours**

**Maximum: 75 Marks**

**I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)**

1. Define and classify oral anti-diabetic drugs. Write the pharmacological actions, adverse effects and therapeutic uses of sulphonyl urea derivatives.
2. Classify NSAIDs. Elaborate the mechanism of action, pharmacology, adverse effects and therapeutic uses of salicylates.
3. Define Bio-assay. Classify it and write in detail about the bio-assay of digitalis.

**II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)**

1. Write a note on substance P.
2. Pharmacology of Digitalis.
3. Briefly explain about the pharmacology of Furosemide.
4. Add a note on Low molecular weight Heparin.
5. Give the mechanism of action, adverse effects and therapeutic uses of organic nitrates.
6. Write a brief note on Oral contraceptives.
7. Pharmacology of Growth hormone inhibitors.
8. Pharmacology and adverse effects of Enalapril.
9. Classify anti-arrhythmic drugs. Give the Pharmacology of Quinidine.

**III. Short answers on: Answer ALL questions. (10 x 2 = 20)**

1. Define Haematinics. Give four examples.
2. Define oxytocic. Give example.
3. Two therapeutic uses of Atenolol.
4. Give four drugs used as anticoagulants.
5. Name two drugs to treat Goiter.
6. List out four selective 5-HT antagonists.
7. What are leukotrienes?
8. Define shock. Classify it.
9. Uses of osmotic diuretics.
10. Define anaphylaxis and give the drug of choice to treat it.