

**Final Year (New) Pharmacy**  
**PHARMACOLOGY AND TOXICOLOGY**  
**(203)**

**Time : Three Hours**

**Maximum Marks : 80**

**Note :** i) Attempt total six questions. Question No.1 is compulsory.  
ii) Illustrate your answer with neat sketches wherever necessary.

1. Define following terms with suitable example of each (Any five) 10

- a) Cardiotonics
- b) Ectoparasitocides
- c) Mucolytics
- d) Laxatives
- e) Hypnotics
- f) Neuroleptics
- g) Hematinics

2. Attempt any four of the followings

14

- a) Discuss different types of epilepsy.
- b) Write a note on neuromuscular blocking agents.
- c) Discuss the factors modifying drug action.
- d) Elaborate the term Arrhythmia.
- e) Write a note on sympatholytics.

3. Differentiate between

14

- a) Local anaesthetics and general anaesthetics
- b) Hypnotics and sedative
- c) Ranitidine and omeprazole
- d) Warfarin and Heparin

4. Write short notes on (Any four) 14

- a) Antimalarial agents
- b) ACE inhibitors
- c) Stages of general anaesthesia
- d) Cytotoxic agents
- e) Angina Pectoris

5. Discuss various factors affecting absorption of drugs. 14

OR

Give pharmacology of Aspirin.

6. Answer the following. 14

- a) Write a note on 5 HT.
- b) Elaborate term parkinsonism.
- c) Write a brief note on parasympathomimetics.
- d) Classify antihypertensive agents with suitable examples of each class.

7. Attempt any four of the following. 14

- a) Give mechanism of action, adverse effect and uses of penicillin.
- b) Write a note on myasthenia gravis.
- c) Write a brief note on Narcotic analgesics.
- d) Discuss antipsychotic agents.
- e) Give mechanism of action, interaction, adverse effect and uses of loop diuretics.

