

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm. Summer 2018-19 Examination

Semester: 5**Subject Code: 08101305****Subject Name: Pharmacology-II****Date: 03/05/2019****Time: 10:00 am to 1:00 pm****Total Marks: 75****Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.1 Essay type Questions. (Any 2 out of 3) (10 marks each) (20)

1. Classify antihypertensive agents. Discuss mechanism of action and ADR of atenolol, enalapril and furosemide.
2. Classify antiparkinsonian drugs. Discuss their pharmacology in detail.
3. Discuss in detail pharmacology of Antipsychotic agents.

Q.2 Short Essay type Questions. (Any 7 out of 9) (5 marks each) (35)

1. Write therapeutic uses of diuretics. Give mechanism of action of any two classes.
2. Discuss pharmacological actions and uses of Cardiac Glycosides.
3. Classify anti arrhythmic agents. Discuss sodium channel blockers as antiarrhythmic agents.
4. Classify hypolipidaemic agents. Elucidate the mechanism of action and adverse effects of HMG-CoA Reductase inhibitors.
5. Write a note on anticoagulants.
6. Classify NSAIDs. Write uses and adverse effects of Aspirin.
7. Give pharmacological actions, therapeutic uses and adverse effects of Opioid analgesics.
8. Write short note on Gene Therapy with its applications and limitations.
9. Discuss pharmacology of antiepileptic agents.

Q.3 Answer in short. (2 marks each) (20)

1. Discuss pharmacology of plasma expanders.
2. Write a note on direct renin inhibitors.
3. Give mechanism of action and uses of nitrates.
4. Classify haematinics. Give their uses.
5. Write a note on SSRI.
6. Describe the stages of general anaesthesia.
7. Write pharmacological actions of alcohol.
8. Discuss mechanism of action and uses of diazepam.
9. Write a note on Drug Dependence.
10. Explain briefly drugs used in treatment of insomnia.