

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

Semester: 5
Subject Code: 08101305
Subject Name: Pharmacology-II

Date: 05/12/2018
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 antipsychotics. Write the pharmacology of Chlorpromazine.
2. Classify CNS stimulants. Write the pharmacology of caffeine.
3. Classify antihypertensive drugs. Discuss ACE inhibitors .

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

1. Discuss the stages of anaesthesia.
2. Write a note on preanaesthetic medication.
3. Write a note on plasma expanders.
4. Classify neurotransmitters. Discuss about dopamine.
5. Differentiate between opioid and non opioid analgesics
6. Discuss methyl alcohol poisoning and its treatment.
7. Discuss about erythropoietin in detail.
8. Discuss about centrally acting muscle relaxants.
9. Explain Gene therapy.

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

1. Write the reaction for metabolism of ethyl alcohol.
2. Classify antianginal drugs.
3. Write mechanism of action of cardiac glycosides.
4. Define drug dependence and drug abuse
5. Classify antiarrhythmic drugs.
6. Explain status epilepticus.
7. Write mechanism of action of calcium channel blockers in angina.
8. Write the types of opioid receptors.
9. Why levodopa is not effective in drug induced parkinsonism?
10. Write mechanism of action of benzodiazepines.