

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.Pharm. Summer 2017-18 Examination

Semester: 5**Subject Code: 08101305****Subject Name: Pharmacology – II****Date: 24/05/2018****Time: 10:00AM TO 01:00PM****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 hypnotic & sedatives. Write the mechanism of action, therapeutic uses & adverse effects of benzodiazepines.
2. Classify NSAIDs. Mention the pharmacological actions, side effects and uses of Aspirin.
3. Classify antihypertensive agents. Write mechanism of action and therapeutic uses of drug having adverse effect “dry cough”.

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

1. Describe the role of excitatory neurotransmitters in CNS.
2. Define anesthetics. Write a stage of general anesthesia.
3. Give the classification of antiepileptic agents based on Mechanism of action. Explain side effect and uses of valproic acid.
4. Write a short note on HMG CoA reductase inhibitors.
5. Classify drugs used in the treatment of Parkinson's disease. Why Levo dopa is given with Carbidopa.
6. Give the mechanism of action, therapeutic uses and adverse effects of anti anginal drugs nitrates.
7. Compare and contrast of heparin and warfarin.
8. Classify antiarrhythmic agents. Write mechanism of action and adverse effect of Quinidine.
9. Write a short note on gene therapy.

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

1. Explain pre-anaesthetic medication with example.
2. Write rationale for use of ethyl alcohol in methyl alcohol poisoning.
3. Difference between atypical and typical antipsychotics agents.
4. Give the classification of anti-fibrinolytics agents.
5. Discuss mechanism of action and therapeutic uses of thiazides.
6. Give a name and uses of renin inhibitors.
7. Mention the motives of drug dependence.
8. Give a name and uses of selective beta-blockers.
9. Define plasma expanders and its example.
10. Describe mechanism of action and therapeutic uses of Nifedipine.