

PARUL UNIVERSITY
FACULTY OF PHARMACY

Pharm.D Supplementary Examination, November 2017

Year: 2**Subject Code: 08207204****Subject Name: Pharmacology - I****Date: 15/11/2017****Time: 10:00 am to 1:00 pm****Total Marks: 70****Instructions:**

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

Q.1 Essay Type Questions. (any 2 out of 3) (15 Marks Each) (30)

1. Define Drug interactions. Explain the types of drug interactions giving examples of each.
2. Give physiology of neurohumoral transmission in sympathetic nervous system. Classify the sympathomimetic agents. Give their pharmacological actions and uses.
3. Classify antihypertensives. Give mechanism of action and ADR of each class.

Q.2 Short Essay Type Questions. (any 4 out of 5) (5 Marks Each) (20)

1. Classify NSAIDs with examples.
2. Define psychosis. Write a note on atypical anti-psychotics.
3. Classify anti-diabetic agents. Give mechanism of action and adverse effects of sulphonylureas.
4. Describe drugs acting on 5 HT receptors.
5. Explain the pharmacology of mucolytics and antitussives.

Q.3 Short Answers. (2 Marks Each) (20)

1. Write mechanism of action and use of Lidocaine.
2. Explain the stages of anesthesia.
3. Write a note on Selective Estrogen Receptor Modifiers.
4. Explain mechanism and uses of Salbutamol.
5. Write mode of action and use of Carbimazole.
6. Classify giving examples various antihistaminic agents.
7. Give advantages and disadvantages of oral route of administration.
8. Write a note on expectorants.
9. Write a note on Levodopa.
10. Write pharmacology of Atosiban.