

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

Semester: 4
Subject Code: 08101255
Subject Name: Pharmacology- I

Date: 10/04/2019
Time: 2:00 pm to 5:00 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 sympathomimetic agents with example. write a note on adrenergic receptor.
2. Classify Antiulcer drugs and write the mechanism of action of Proton pump inhibitor & H₂ Receptor antagonist.
3. Classify Parasympatholytics agents and explain the pharmacology of Atropine.

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

1. Classify autacoids. explain the synthesis, storage and degradation of 5-HT.
2. Classify drugs used in bronchial asthma.
3. Explain the Synthesis of prostaglandins.
4. Explain the mechanism of local anesthesia.
5. Define and classify Purgatives and Laxatives.
6. Explain the Synthesis and metabolism of Histamine.
7. Write a short note on Endothelins.
8. Classify Antidiarrhoeal drugs with examples.
9. Outline the Synthesis storage release of adrenaline.

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

1. Explain the terms Digestant, Carminatives.
2. Write a note on cholinergic receptor.
3. Classify antiemetics agents.
4. Outline the Neurohumoral transmission.
5. What are Prokinetic agents?
6. Enlist the Neuromuscular blocking agent with examples.
7. Write a note on gene therapy.
8. Explain the therapeutic uses of Expectorants.
9. Write the mechanism of action of Antitussives.
10. Write a note on Appetite suppressant.