

PARUL UNIVERSITY
FACULTY OF PHARMACY
Pharm.D November-2019 Examination

Year: 2**Subject Code: 08207204****Subject Name: Pharmacology - I****Date: 28/11/2019****Time: 2:00 pm to 5:00 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 Mark Each) (30)

1. Write a note on drugs acting renin angiotensin aldosterone system.
2. Explain the phenomenon of dials vasomotor reversal write a note on & blockers.
3. Classify General anesthetics. Write the stages of general anesthesia. And mechanism of propofol.

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

1. Classify Routes of administration of drugs And write merits & demerits of IV route of administration.
2. Write a note on Bronchodilators
3. Write a note drugs used in myasthenia gravis
4. Write a note on Sex hormones and oral contraceptives
5. Classify anti-hypertensive drugs

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

1. Explain the working of GPCR
2. Write a note on bioavailability and $t_{1/2}$
3. Write in short about drugs used in Parkinsonism
4. Write a note on sodium channel blockes.
5. Define Sedatives and hypnotics
6. Define Expectorants with example
7. Outline synthesis of 5-Hydroxytryptamine
8. Write down the locations,types,agonist and antagonists of receptors.
9. Write a note on mechanism of local anesthesia.
10. Explain mechanism of action and examples of ACE inhibitors.