

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S January 2020 Examination

Year: 2

Subject Code: 19100205

Subject Name: Pharmacology - I

Date: 16-01-2020

Time: 10:30am to 12:30pm

Total Marks: 40

Instructions:

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B, and section-C on separate answer sheets.

Section A

Q-1 Describe any two of the following: (10)

- a. Routes of drug administration
- b. Bioavailability & factors affecting the same
- c. Plasma half life

Q 2 Attempt any two of the following: (6)

- a. Atropine substitutes
- b. H1 anti-histaminics
- c. Drugs used in treatment of rheumatoid arthritis

Section B

Q3 Attempt any two of the following: (10)

- a. Therapeutic uses and adverse effects of morphine
- b. First line antiepilepsy drugs
- c. Describe mechanism of action of diazepam. Mention therapeutic uses and adverse effects of diazepam

Section C

Q-4 Attempt any two of the following: (8)

- a. Beta blockers
- b. Classify antianginal drugs. Discuss therapeutic uses and adverse effects of nitrates.
- c. Drugs used in treatment of bronchial asthma.

Q 5 Answer briefly all of the following : (6)

- a. Name two mucolytic agents from different groups.
- b. What is a prodrug? Give one example
- c. Why oral Vitamin B12 is not effective in pernicious anaemia?
- d. Mention two peripherally acting skeletal muscle relaxants from different groups.
- e. Name two angiotensin receptor blockers.
- f. Why carbidopa is given along with levodopa for treatment of Parkinson's disease?