

Seat No: _____

Enrolment No: _____

PARUL UNIVERSITY
FACULTY OF MEDICINE
M.B.B.S Examination January - 2019

Year: 2

Subject Code: 19100205

Subject Name: Pharmacology - I

Date: 06/02/2019

Time: 10:30 am to 12:30 pm

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. Bioavailability-definition, factors affecting, measurement
- B. Drug antagonism
- C. New drug development.

Q.2 Attempt Any two of the following

(06)

- A. Classification of Anti asthma drugs with examples
- B. Therapeutic uses of Alpha receptor agonists and antagonists
- C. Therapeutic uses of anticholinesterases.

SECTION – B

Q.3 Short Notes: (Any two out of three)

(10)

- A. Classify drugs used in therapy of psychosis, describe phenothiazines in detail.
- B. Pharmacological basis of use of Enalapril in congestive heart failure.
- C. Pharmacological actions of Morphine.

SECTION – C

Q.4 Short Notes :(Any two out of three)

(08)

- A. Levodopa.
- B. Pharmacotherapy of Grand mal epilepsy.
- C. Mechanism of action of different drugs used in angina pectoris.

Q.5 Attempt all of the following :

(06)

- A. Name two drugs from different groups useful in treating migraine.
- B. Name two drugs which may cause agranulocytosis.
- C. Name two highly sedative antihistaminics from different groups.
- D. How do you measure therapeutic index of a drug?
- E. What is Minimum Alveolar Concentration?
- F. Name a benzodiazepine receptor antagonist.