

Seat No: _____

Enrolment No: _____

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

Year: 2

Subject Code: 19100205

Subject Name: Pharmacology - I

Date: 17/06/2019

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 (5 marks x 2) **(10)**

- a. Drug antagonism and its clinical relevance
- b. Bioavailability & factors affecting it
- c. Parenteral route of drug administration, its advantages and disadvantages

Q 2 Attempt **any two** of the following (3 marks x 2) **(6)**

- a. Atropine in organophosphorus poisoning
- b. Second generation H1 anti-histaminics
- c. Prophylaxis of Migraine

Section B

Q3 Describe **any two** of the following (5 marks x 2) **(10)**

- a. Therapeutic uses and adverse effects of Phenytoin
- b. Classify opioid analgesics. Mention four therapeutic uses and four adverse effects of morphine
- c. Describe mechanism of action of diazepam. Mention four therapeutic uses and four adverse effects of diazepam

Section C

Q-4 Attempt **any two** of the following (4 marks x 2) **(8)**

- a. Therapeutic uses and adverse effects of Beta blockers
- b. Classify anti- hypertensive drugs. Define the role of Enalapril in Hypertension
- c. Therapeutic uses and Adverse effects of Thiazide diuretics

Q 5 Answer briefly **all** of the following (1 mark x 6) **(6)**

- a. Name two mucolytic agents from different groups.
- b. What is Therapeutic index?
- c. Why statins are taken at bedtime?
- d. Why timolol is used in treatment of glaucoma?
- e. Why Enalapril is not combined with potassium sparing diuretics?
- f. Name two atypical antipsychotics.