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EXAMINATION : DECEMBER - 2024
SECOND YEAR
Subject: Pharmacology (BPT- 21202)

Date: 26/12/2024

Total Marks: 40

Time: 2.00 pm To 4.00 pm

SECTION – A

Q.1 Answer the following questions in short. (Any five) (15)

- a. Omeprazole. Mechanism of action and two clinical uses
- b. Mechanism of action of beta blockers. Two examples.
- c. Mechanism of action of TCA agents. Two adverse effects
- d. Define therapeutic index
- e. Mechanism of action of sulfonylureas. Mention any two adverse effects.
- f. Mechanism of action of macrolides. Two examples

SECTION – B

Q.3 Answer the following questions. (Any five) (25)

- a. Define bioavailability. Mention factors affecting bioavailability
 - b. Drugs used in management of angina pectoris. Mention adverse effects of the drugs
 - c. Describe the various routes of drug administration. Advantages of Intravenous route over other routes
 - d. Drugs used in management of parkinsonism. Advantage of ropinirole in management of parkinsonism
 - e. Define and describe first order kinetics and zero order kinetics. Mention three examples of drugs for each
 - f. Enumerate the barbiturates. Mechanism of action and adverse effects along with four clinical uses
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