

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : JANUARY - 2026
SECOND YEAR
Subject: Pharmacology (BPT- 21202)

A

Date: 21 /01/2026

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. Mechanism of action of ranitidine. Two clinical uses.
- b. Mechanism of action of Sodium channel blockers. Two clinical uses
- c. Mechanism of action of SSRI's. Two adverse effects
- d. Mechanism of action of Macrolides. Two examples
- e. Define first order kinetics and zero order kinetics.
- f. Name two typical and two atypical antipsychotics. Mention two adverse effects

SECTION – B

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

- a. Management of type 1 diabetes mellitus. Mention mechanism of action, adverse effects of the drugs used in management of type 1 diabetes mellitus.
 - b. Management of Depression. Mention mechanism of action, adverse effects of the drugs used in management of Depression.
 - c. Define Bioavailability. Mention factors affecting bioavailability.
 - d. Enumerate the various routes of drug administration. Advantage of IV route over oral route.
 - e. Management of Asthma. Mention mechanism of action, adverse effects of the drugs used in management of Asthma.
 - f. Management of Parkinson's disease. Mention mechanism of action, adverse effects of the drugs used in management of Parkinson's disease.
-