



RAN-2406120801010501

M. D. (Pharmacology) Examination September - 2025

Paper - I (Set - 1)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M. D. (Pharmacology)

Name of the Subject :

Paper - I (Set - 1)

Subject Code No.: **2406120801010501**

Seat No.:

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Student's Signature

- (2) All questions are compulsory
(3) Figures to the right indicate maximum marks
(4) Illustrate your answer with examples and diagrams if needed.

Q. 1. Discuss different types of ion channels & explain their role as drug targets. **(40)**

Q. 2. Describe briefly: **(15×2=30)**

- Steps in transmission at the cholinergic synapse
- Different pathways involved in drug-metabolism along with the factors that influence them

Q. 3. Write short note: **(10×3=30)**

- Correlation between chemical structure and pharmacological activity of β -blockers
- Alexander Fleming
- Role of "Informed Consent" in Good Clinical Practice.