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B. Pharmacy 5th Semester Examination

Pharmacology-I (NS)

BP-353

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt any two questions from Section A, any eight questions from Section B. Section C is Compulsory and attempt all questions from Section C.

SECTION - A

1. Define parkinsonism, classify antiparkinsonian drugs and give a brief account on dopamine precursors.
2. Define ADME and Write a note on ADME drug interactions.
3. Define and classify α adrenergic blockers. Discuss therapeutic uses of a blockers. (2×10=20)

SECTION - B

4. Define drug dependence with suitable examples.
5. Classify antidepressants and briefly explain tricyclic (TCA) antidepressants.
6. Write a note on pharmacology of phenytoin.
7. Discuss mechanism of action of benzodiazepines as sedative and hypnotics.
8. Explain the muscarinic and nicotinic actions of acetylcholine.

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9. Give a brief account on psychostimulants.
10. Write a detailed note on local anesthetics.
11. Give classification of NSAIDs. Explain pharmacology of any one class in detail.
12. What do you understand by term 'Synergism'? Explain with suitable examples.
13. Define and briefly explain pharmacology of Anxiolytics. (5×8=40)

SECTION - C

14. Define Pharmacogenetics.
15. Give drug line treatment for glaucoma.
16. Define the term Idiosyncrasy.
17. Why peripheral decarboxylase inhibitors are administered in parkinson's disease?
18. What are extrapyramidal side effects? (2×5=10)