

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations  
March 2025  
Pharmacology I  
(2017 Scheme)**

**Time: 3 Hours**

**Max. Marks: 75**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays**

**(2x10=20)**

1. Classify biotransformation reactions. Explain non-synthetic or phase 1 reactions
2. Classify antidepressant drugs. Write the mechanism of action and adverse effects of tricyclic antidepressants

**Short Notes**

**(7x5=35)**

3. Describe the general effects of  $\alpha$  adrenergic blocking drugs
4. Advantages and disadvantages of oral route of drug administration
5. Write the pharmacological actions of alcohol
6. Classify  $\beta$  adrenergic blocking drugs and mention their uses
7. Describe the pharmacological actions of acetylcholine. Add a note on cholinergic receptors.
8. Explain the pharmacological actions and adverse effects of Levodopa
9. Clinical symptoms and management of barbiturate poisoning

**Answer Briefly**

**(10x2=20)**

10. Define addiction and name a drug which causes addiction
11. Explain benzodiazepine antagonist
12. What are atypical antipsychotics
13. Define and classify Adverse drug reactions
14. Combined effects of drugs
15. Define teratogenicity and carcinogenicity
16. Drugs used in myasthenia gravis
17. Classify general anaesthetics
18. Anticholinesterase poisoning
19. What do you mean by circadian rhythm

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