

# **2010 Scheme**

**QP CODE: 303006**

**Reg. No: .....**

## **Third Year B.Pharm Degree Supplementary Examinations March 2025**

### **Pharmacology – I**

**Time: 3 Hours**

**Total Marks: 100**

- *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 table/diagrams/flow charts wherever necessary*

**Essays**

**(3x10=30)**

1. Define antianginal drugs. Discuss the pharmacology of nitrates
2. Explain biotransformation reactions. Add a note on first pass metabolism
3. Classify hypolipidemic drugs. Elaborate on HMG CoA reductase inhibitors

**Short notes**

**(14x5=70)**

4. Role of vasodilators in the treatment of CHF
5. Factors influencing drug absorption and bioavailability
6. Thyroid inhibitors
7.  $\alpha$  glucosidase inhibitors
8. Antitussives and expectorants
9. Classify anti-cholinesterases. Add a note on cholinesterase reactivators
10. Note on mydriatics. Describe the action of atropine on eye.
11. Define poison. Write the general principles of treatment of poisoning
12. Comment on a) orphan drugs, b) spurious drugs, c) banned drugs d) essential drugs e) expiry date of drugs
13. Mechanism of action and uses of Digitalis
14. Define and classify oral antidiabetic drugs with examples
15. Pharmacology of estrogens
16. Define adverse drug reaction. Add a note on drug allergy
17. Angiotensin converting enzyme inhibitors in the treatment of hypertension

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