

# **2010 Scheme**

**QP CODE:405006**

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

**Final Year B.Pharm Degree Supplementary Examinations April 2025**

## **Pharmacology - II**

**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 Diagrams wherever necessary*

### **Essays**

**(3x10=30)**

1. Classify anti-retro viral agents. Write the mechanism of action, adverse effects and uses of Zidovudine
2. Classify Non-Steroidal Anti-inflammatory drugs with suitable examples. Write the pharmacological actions of Aspirin
3. Describe the mechanism of action, adverse effects and uses of Furosemide

### **Short notes**

**(14x5=70)**

4. Discuss pre-clinical studies
5. Define bioassay. Discuss types of bioassays with examples
6. Discuss applications of bioinformatics
7. Describe the mechanism of action and adverse effects of Isoniazid
8. Write notes on a) Iron preparations and their uses b) Folic acid and its uses
9. Write notes on a) Vitamin K b) Oral anticoagulants
10. Write notes on a)  $\beta$ -lactamase inhibitors b) Cephalosporins
11. Mechanism of action and uses of Tetracyclines
12. Classify antiemetic drugs. Add a note on Ondansetron
13. Mechanism of action and adverse effects Phenytoin
14. Anti-proliferative drugs as immuno-suppressants
15. Protective role of anti-oxidants
16. Signs and symptoms of paracetamol poisoning and its management
17. Classify anti-psychotic drugs. Add a note on atypical antipsychotics

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