

# 2010 Scheme

QP CODE:405006

Reg. No: .....

## **Final Year B.Pharm Degree Supplementary Examinations April 2024 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 Non-Steroidal Anti-Inflammatory drugs with suitable examples. Write the pharmacological actions and side effects of Aspirin (4+4+2)
2. Classify anti-tuberculosis drugs. Discuss the mechanism, pharmacological actions and side effects of Isoniazid (3+3+2+2)
3. Define gene therapy. Write the approaches and applications of gene therapy(2+4+4)

**Short notes**

**(14x5=70)**

4. Classification of anti-microbial agents based on mechanism of action
5. Mechanism of action and uses of tetracyclines
6. Give examples for alkylating agents. Mention its adverse effects
7. Drugs used for treatment of Acquired immunodeficiency syndrome
8. Any one bioassay method of Oxytocin
9. Mechanism of action and uses of Morphine
10. Classifications of anti-depressants with suitable examples
11. Explain clinical trials
12. Applications of bioinformatics in drug discovery
13. Drugs for treatment of rheumatoid arthritis
14. Mechanism of action and side effects of furosemide
15. Therapeutic applications of immunoglobulins
16. Different types of vaccines
17. Role of free radical in Parkinsonism disease

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