

QP Code: 523006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary  
Examinations May 2025  
Pharmacology II  
(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 anti-anginal drugs with examples. Write the mechanism, pharmacological actions, uses and side effects of glyceryl trinitrate
2. Classify oral hypoglycemic drugs with examples. Write the mechanism, pharmacological actions, uses and side effects of metformin

**Short Notes**

**(7x5=35)**

3. Write the mechanism of action, therapeutic uses and adverse effects of digitalis
4. Biosynthesis of prostaglandins
5. Bioassay of histamine
6. Mechanism of action and side effects of methotrexate
7. Symptoms and treatment of Aspirin poisoning
8. Discuss about Parathormone
9. Write a note on anti-gout drugs

**Answer Briefly**

**(10x2=20)**

10. Examples for anti-thyroid drugs
11. Define anti-diuretics. Give one example
12. Types of bioassay
13. What is triphasic response
14. Mechanism of action of furosemide
15. Two examples for anti-platelet drugs
16. Uses of estradiol
17. Types of insulin
18. Examples for plasma volume expanders
19. Functions of Vitamin D

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