

QP Code: 523006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations
December 2023
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-hypertensive drugs with suitable examples. Explain the mechanism of action and adverse effects of any one class of anti-hypertensives (6+3+1)
2. Describe briefly on properties, mechanism of action and adverse effects of estrogen and progestin

Short Notes

(7x5=35)

3. Explain the mechanism of uterine contraction of oxytocin and write its adverse effects. (4+1)
4. Explain how propylthiouracil is useful as an anti-thyroid drug.
5. Explain the mechanism of action and adverse effects of oral contraceptives.
6. Describe the steps in the management of acute iron poisoning.
7. Define bioassay. Explain the bioassay of digitalis.
8. Describe how vitamin-K helps in blood coagulation. List two local hemostatic drugs (4+1)
9. Mechanism of action of digoxin.

Answer Briefly

(10x2=20)

10. List the adverse effects and uses of statins.
11. Antidote for fibrinolytic toxicity.
12. List the uses of anti-histaminic drugs.
13. Classify uterine relaxants with examples.
14. Use of immunosuppressants in rheumatoid arthritis.
15. Pharmacological actions of glucocorticoids on carbohydrate and protein metabolism.
16. Effect of parathormone on plasma calcium levels
17. List two uses and adverse effects of testosterone.
18. Write the clinical uses and adverse effects of dextran.
19. Describe a method to perform the bioassay of histamine.
