

QP Code: 523006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary  
Examinations September 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-hyperlipidaemic drugs with examples. Write the mechanism, pharmacological actions, uses and side effects of atorvastatin
2. Classify non-steroidal anti-inflammatory agents with examples. Write the mechanism, pharmacological actions, uses and side effects of aspirin

**Short Notes**

**(7x5=35)**

3. Mechanism of action and uses of digoxin
4. Biosynthesis of thyroid hormones
5. Add a note on insulin analogues
6. Bioassay of d-tubocurarine
7. Classify anti-hypertensive drugs with examples
8. Principle and applications of bioassay
9. Pharmacological actions of oxytocin

**Answer Briefly**

**(10x2=20)**

10. Functions of calcitonin
11. Examples for anterior pituitary hormone analogues
12. Name the drugs used for shock
13. Define haematinics and coagulants
14. Mechanism of action of diltiazem
15. Examples for loop diuretics
16. Uses of mifepristone
17. Give examples for oral contraceptives
18. Define angiotensin. Give its functions
19. Explain ACTH. Write its functions

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