

QP Code: 523006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations  
May 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. What are the types of insulin preparations available. Explain the structure, mechanism of action, pharmacology and adverse effects of insulin.
2. Classify antihyperlipidemics. Explain the pharmacology of any one class of anti-hyper lipidemic drugs with emphasis on therapeutic uses and adverse effects.

**Short Notes**

**(7x5=35)**

3. Mechanism of action and drug interactions of Class I antiarrhythmics.
4. Mention the synthesis, release and role of bradykinin as an autacoid.
5. Explain the role of Vitamin K in coagulation. Add a note on its adverse effects.
6. Explain the physiological functions of Vitamin-D
7. Describe the mechanism of action of aspirin. Add a note on its adverse effects.
8. Explain briefly the pharmacology of beta-blockers.
9. Oral contraceptive pills.

**Answer Briefly**

**(10x2=20)**

10. What are angiotensin converting enzyme inhibitors.
11. Mention the adverse effects of alpha-blockers.
12. Explain erythropoietin.
13. Function of antidiuretic hormone.
14. Any two functions of prostaglandins.
15. Mechanism of action of colchicine.
16. Mention the effects of thyroid hormones.
17. Explain the functions of growth hormone.
18. Explain the adverse effects and therapeutic uses of 5-Alpha reductase inhibitors.
19. What are uterine stimulants. Give two examples.

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