

# **2010 Scheme**

**QP CODE: 303006**

**Reg. No: .....**

## **Third Year B.Pharm Degree Supplementary Examinations August 2021**

### **Pharmacology – I**

**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 table/diagrams/flow charts wherever necessary

**Essays**

**(3x10=30)**

1. Classify oral hypoglycemics and explain their mechanism and ADRs
2. Classify Anti adrenergic drugs and explain the pharmacology of Adrenaline
3. Classify anti asthmatic drugs and describe the pharmacology of bronchodilators

**Short notes**

**(14x5=70)**

4. Classify antifertility agents and explain their mechanism of action
5. Describe pharmacotherapy of angina pectoris
6. Outline the steps involved in synthesis of eicosanoids and various drugs that antagonize its synthesis
7. Describe the pharmacology of 5HT3 receptor antagonist
8. Explain the synthesis, storage and release of histamine
9. Classify thyroid inhibitors and explain the pharmacology of iodine
10. Explain the mechanism and pharmacological actions of estrogen
11. Explain sign and symptoms of Lead poisoning and its management
12. List the drugs used for the management of wet cough and add a note on Bromhexine
13. Explain RAAS and its role in cardiac function
14. Classify cholinergic receptors and explain their mechanism with agonist and antagonist.
15. Explain the process involved in biological clock and its significance
16. Define drug interaction and explain the pharmacological mechanism of drug interaction with examples
17. Drug action varies from one individual to other – Justify the reason

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