

# **2012 Scheme**

**QP CODE: 313006**

**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. Define drug metabolism. Explain microsomal enzyme induction and inhibition with suitable examples.
2. Classify hypolipidemic drugs with suitable examples and explain pharmacology of any one hypolipidemic drug.
3. What are antiadrenergic drugs. Explain their pharmacological actions.

**Short notes**

**(14x5=70)**

4. Define- acute toxicity, sub-acute toxicity, chronic toxicity, Teratogenecity and carcinogenicity testing.
5. What are cardiac glycosides. Give their mechanism and uses.
6. What are combined effects of drugs. Explain with examples.
7. Classify antihypertensives. Explain the mechanism of action and uses of any one antihypertensive drug.
8. Classify the drugs used for the treatment of asthma with suitable examples.
9. What are antifertility agents. Explain their mode of action and uses.
10. Name any two 5HT3 receptor blocker and give their indications.
11. Explain the sign, symptoms of heavy metal poisoning and give the treatment approaches.
12. Explain the significance of biological clock.
13. Name any five drugs contraindicated in pediatrics.
14. Explain drug synergism. Explain with suitable examples.
15. Classify receptor family and give any two examples each.
16. What are prodrugs. Name and give their advantages.
17. Explain the consequences of plasma protein binding

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