

# **2012 scheme**

**Q P CODE: 415006**

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

## **Final Year B.Pharm Degree Supplementary Examinations November 2024 Pharmacology - II**

**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 Diagrams wherever necessary*

### **Essays**

**(3x10=30)**

1. Explain the principles and indications and requirements of bioassay. Explain matching bioassay.
2. Discuss Pharmacotherapy of upper respiratory tract infections.
3. Explain various phases of clinical trials. Add requirements for the conduct of clinical trials.

### **Short notes**

**(14x5=70)**

4. Write the principle and indications of d-tubocurarine bioassay.
5. Define bioinformatics. Write the aim of bioinformatics in drug discovery.
6. Classify antipsychotics with suitable examples. List their uses.
7. Write the management of salicylate poisoning.
8. Explain the mechanism of action and uses of hyaluronidase.
9. Write the source, therapeutic uses and adverse effects of Vitamin B12.
10. Write the Pharmacotherapy of diarrhea.
11. Explain any two drugs used in sclerosis.
12. Classify antiviral agents with suitable examples. Enlist their therapeutic uses.
13. Enlist adverse effects of antineoplastic drugs.
14. Explain mode of action, indications, dosage schedule and adverse effects of oral polio vaccine.
15. What are immunoglobulins. Give examples and indications.
16. Explain gene therapy and gene delivery.
17. Explain the role of superoxide dismutase as antioxidant.

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