

# **2012 scheme**

**Q P CODE: 415006**

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

## **Final Year B.Pharm Degree Supplementary Examinations December 2021 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. Define analgesics. Classify non-steroidal anti-inflammatory agents. Write the mechanism, pharmacological actions, drug interactions and uses of aspirin.
2. Define bioassay and write its principles. Write briefly on the bioassay of digitalis.
3. Classify Sulfonamides. Write its mechanism of action, spectral activity, adverse reactions and therapeutic uses of Sulfonamides.

### **Short notes**

**(14x5=70)**

4. Define and classify antiemetics. Add note on Prokinetic agents.
5. Classify sedatives and hypnotics. Discuss the mechanism of action of barbiturates.
6. Explain gene therapy. Write briefly on the approaches of gene therapy.
7. Discuss the pharmacotherapy of tuberculosis
8. Explain ORS (Oral Rehydration Solution).
9. Classify antipsychotic agents. Discuss the mechanism of actions, adverse reaction and uses of phenothiazines.
10. Preanaesthetic medication.
11. Classify antiepileptics. Write the mechanism of action and adverse events of phenytoin.
12. Discuss the drugs used in Alzheimer's disease.
13. Heavy metal antagonists.
14. Explain enzyme therapy
15. What are vaccines, give examples. Add a note on viral vaccine.
16. Describe the generation of free radicals and its role in chronic disorders.
17. Discuss the development and management of bacterial resistance against antimicrobial agents.

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