

2012 scheme

Q P CODE: 415006

Reg. No:

Final Year B.Pharm Degree Supplementary Examinations September 2023 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. Discuss the principles of different types of bioassay methods used in experimental pharmacology. With suitable example, explain three-point bioassay.
2. Define and classify antiepileptic agents. Discuss the pharmacotherapy of epilepsy.
3. Write ten common properties of aminoglycosides.

Short notes

(14x5=70)

4. What are the different types of free radicals. Explain the mechanism of free radical generations.
5. Explain the gene transfer method as a promising approach for gene therapy.
6. List the types of hypersensitivity reactions. Explain one reaction with example.
7. With suitable example, classify Anti-HIV drugs.
8. Write the mechanism of action of rifampicin and INH.
9. Explain, how bacteria develop resistance against antimicrobial agents.
10. Write a brief note on drugs prescribed for skin diseases.
11. Explain the mechanism and uses of omeprazole.
12. With suitable examples, classify antiplatelet drugs.
13. Discuss the mechanism of action of local anesthetics.
14. Write a short note on informed consent and use of placebo in clinical trials.
15. Emphasize upon the applications of bioinformatics in drug development.
16. Write any five general adverse effects of non-steroidal anti-inflammatory agents.
17. Write the mechanism of action of diazepam.
