

Final Year B.Pharm Degree Examinations – June 2016

PHARMACOLOGY - II
(2012 scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Classify antipsychotic drugs with suitable example. Describe the pharmacological action and adverse effects of olanzapine
2. How gene can be transferred. Explain in detail with suitable example the gene transfer technology.
3. Define and classify quinolones. Describe the spectrum of activity, mechanism of action and therapeutic uses of ciprofloxacin

Short notes

(14x5=70)

4. Mention the principles of bioassay and add a note on bioassay of insulin
5. Explain the role of bioinformatics in drug development
6. Pharmacological actions of phenobarbitone
7. What are diuretics and add a note on osmotic diuretics.
8. Explain the mechanism of action and therapeutic uses of thrombolytic agents.
9. Pharmacotherapy of hypovolemic shock
10. Classify anti emetics. Explain the mechanism of action, uses of any one anti emetic.
11. Explain the pharmacology of vitamin C
12. What are the gases used in therapy. Explain any one gas in detail
13. Explain the mechanism of action, adverse effects and uses of methotrexate.
14. Define hypersensitivity reaction. Name the mediators of hypersensitivity reaction and their significance.
15. Classify antifungal agents with suitable example. Mention the therapeutic uses of fluconazole.
16. Free radical induced diseases.
17. Indication, dosing schedule and adverse effects of hepatitis and rabies vaccine.
