

Final Year B.Pharm Degree Supplementary Examinations – June 2016

**PHARMACOLOGY - II
(2010 Scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Explain the pharmacological actions of morphine. What are its therapeutic uses.
2. State the mechanism of action, spectrum of activity, therapeutic uses and adverse effects of cefotaxime.
3. What are hypersensitivity reactions. Explain different types of hypersensitivity reaction with example.

Short notes

(14x5=70)

4. State the merits and demerits of bioassay.
5. What is meant by informed consent and mention the contents of informed consent.
6. What are NSAIDs. Classify them with suitable example.
7. How will you treat barbiturate poisoning.
8. Mechanism of action and adverse effects of ciprofloxacin.
9. Why acetyl cholin esterase inhibitors are used in the treatment of Alzheimer's disease.
10. Mechanism of action and drug interaction of omeprazole.
11. What are antineoplastic agents. Classify them with suitable examples.
12. Metronidazole.
13. How will you treat heavy metal poisoning.
14. Therapeutics of urinary tract infection
15. Gene transfer technology..
16. Enlist the endogenous antioxidants with suitable examples. Mention the role of antioxidants in therapeutics.
17. Proteins as therapeutic agents
