

QP CODE:301326

Reg.No:

Third Year Pharm D Degree Supplementary Examinations February 2017

Pharmacology II

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify anticoagulants with examples and explain the pharmacology of heparin. Mention the spectrum of activity, mechanism of action therapeutic uses and adverse reactions of ciprofloxacin.
2. Define gene therapy. Explain about the target diseases and applications of gene therapy. Add a note on gene mapping.
3. Discuss the recombinant DNA technology and its pharmaceutical applications with examples.

Short notes

(8x5=40)

4. The difference between prokaryotic and eukaryotic chromosome structure.
5. Monoclonal antibodies as immunosuppressants.
6. Nucleoside and nucleotide reverse transcriptase inhibitors.
7. Classify diuretics with suitable example. Give the therapeutic uses of thiazide diuretics.
8. Heparin antagonist.
9. Ion channels.
10. Mechanism of action and drug interactions involving warfarin.
11. Pharmacology of miconazole and acyclovir.
