

**FACULTY OF PHARMACY****Pharm-D (6-YDC) III-Year (Main & Backlog) Examination, June 2019****Subject : PHARMACOLOGY-II****Time : 3Hrs****Max. Marks: 70****Note : Answer all the questions from Part-A. Answer any five questions from Part-B.****PART- A(10x2=20 Marks)**

- 1 Write abt the uses of Antiplatelet drugs?
- 2 Define Acute toxicity and chronic toxicity with examples.
- 3 What is the mechanism of action of Co-trimoxazole?
- 4 Write a note on Streptomycin
- 5 Elaborate the adverse effects of Chloramphenicol.
- 6 Name fr Immunosuppressants.
- 7 Write a note on MAP Kinase.
- 8 What is super infection?
- 9 Write a note on human chromosome structure
- 10 How does the flow of genetic information occur?

**PART-B (50 Marks)**

- 11 What is Gene therapy? Discuss in detail abt the different types of gene therapy with examples. (10)
- 12 Elaborate the replication process in prokaryotes. (10)
- 13 (a) Explain abt various transcription factors that regulate transcription in prokaryotes and eukaryotes. (4)  
(b) Explain the chemotherapy of malaria. (6)
- 14 Elaborate the adverse effects of : (i) Antimicrobial agents (ii) Anti cancer agents (5+5)
- 15 Write short notes on: (i) Penicillins (ii) Sulfonamides (6+4)
- 16 Classify Diuretics. Write in detail abt potassium sparing diuretics. (10)
- 17 Write a brief note on TB Chemotherapy. (10)
- 18 Write in detail abt Heparin and Warfarin. (5+5)

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