

Code No. 1113

FACULTY OF PHARMACY**Pharm. D (6 YDC) III - Year (Instant) Examination, March 2018****Subject: Pharmacology – II****Time: 3 Hrs****Max. Marks: 70*****Note: Answer all questions from Part - A and answer any five questions from Part-B.*****PART – A (10 x 2 = 20 Marks)**

- 1 Write briefly abt Macromolecular assemblies.
- 2 Write note on Oncogenes.
- 3 Write note on Acute toxicity studies
- 4 Write the advantages of Azithromycin over the Macrolide antibiotics.
- 5 Write the shared toxicities of Aminoglycoside
- 6 Explain briefly wobble Hypothesis.
- 7 Mention the complications of Loop diuretics.
- 8 Write the role of G-CSF and GN-CSF in Haemopoieses.
- 9 Write the adverse effects of Chloramphenicol.
- 10 Write briefly the role of MAPK signaling pathways in Eukaryotic Cells.

PART – B (5 x 10 = 50 Marks)

- 11 Classify Antifungal drugs. Write the Pharmacology of Azoles.
- 12 Explain the process of transcription in Eukaryotes.
- 13 Explain the different phases of cell cycle and role of positive and negative regulators of cell cycle.
- 14 (a) Explain the Pharmacology of Thiazida diuretics.
(b) Write the mechanism of action, adverse effects and therapeutic uses of Sulfonamides.
- 15 (a) Classify anti cancer drugs. Write the pharmacology of Anti metabolites.
(b) Write notes on Anti platelet drugs.
- 16 Explain in detail varis types of gene therapy with examples.
- 17 Write the Pharmacology of Heparin and LMW heparins.
- 18 Write short notes on (i) Fluoroquinolones
(ii) Tetracyclines
