

FACULTY OF PHARMACY**Pharm-D (6-YDC) III-Year (Instant) Examination, January 2020****Subject : PHARMACOLOGY-II****Time : 3 Hrs****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 the mechanism of action of Fluoroquinolones.
- 2 Classify antidiuretics with examples.
- 3 What is the mechanism of action of cotrimoxazole?
- 4 What are the adverse effects of Sulfonamides?
- 5 Classify anti-fungal agents.
- 6 Name two Immunostimulants and write their mechanism of action.
- 7 Write abt the resistance mechanisms developed by organisms against penicillins.
- 8 What is the mechanism of functioning of MAP kinase?
- 9 Write abt Oncogenes.
- 10 Write the applications of gene therapy.

PART-B (5x10=50 Marks)

- 11 Write in detail abt the steps involved in translation in prokaryotes.
- 12 Write abt r-DNA technology process and applications.
- 13 Elaborate the replication process in prokaryotes.
- 14 Write a note on toxicity studies.
- 15 Explain in detail abt oral anticoagulants.
- 16 Write a note on antiretrovirals.
- 17 Write in brief abt (i) fibrinolytics (ii) streptomycin.
- 18 Classify anti cancer drugs. Write in detail abt any two antimetabolites.
