

Time- 3 hrs

Q.1 A. Answer the following

16

- i. Classify Sulfonamides
- ii. Classify second generation Cephalosporins
- iii. Write ADR of Chloramphenicol
- iv. Enlist signaling pathways for immune activation.
- v. Classify anti-thyroid drugs
- vi. Enlist Insulin preparations
- vii. Name two drugs as Coagulants
- viii. Classify anticoagulants

Q.1 B. Answer the following

4

- i. Write uses of ketoconazole
- ii. In which class tacrolimus been classified.
- iii. write the use of Parathormone
- iv. name the recombinant Tissue Plasminogen Activator

Q.2 A. Answer **any two** of the following

8

- i. Classify Penicillins. Explain the mechanism of action of penicillins.
- ii. Classify Aminoglycosides. Explain the mechanism of action of Aminoglycosides.
- iii. Write note on fluoroquinolones

Q.2 A. Answer **any one** of the following

4

- i. Write note on chloramphenicol
- ii. Write Pharmacotherapy of leprosy.

Q.3 A. Answer **any two** of the following

8

- i. Classify Anti-fungal drugs. Elaborate Pharmacology of Amphotericin B.
- ii. Write a note on Pharmacotherapy of amoebiasis.
- iii. Write note on macrolides.

Q.3 B Answer **any one** of the following

4

- i. Write Note on Tetracyclines.
- ii. Classify Anticancer drugs. Write note on Alkylating agents.

Q.4 A. Answer **any two** of the following

8

- i. Classify anti-malarial drugs and explain pharmacology of any one drug.
- ii. Discuss the Pharmacology of any two Anthelmintic drugs.
- iii. Classify anti-viral drugs. Discuss the Pharmacology of Anti-Retrovirus Agents.

Q.4 B. Answer **any one** of the following 4

- i. Classify Immunosuppressant and write pharmacology of calcinurin inhibitors
- ii. Discuss different type of immune responses and components immune system.

Q.5 A. Answer **any two** of the following 8

- i. Discuss any one Agents affecting bone mineral homeostasis
- ii. Write the physiological action of Gluco-corticoid.
- iii. Write the mechanism of action and therapeutic uses of Thyroid Hormones.

Q.5 B. Answer **any one** of the following 4

- i. Classify Oral contraceptives and Discuss about Progestin.
- ii. Classify Oral Hypoglycemic drugs. Write the mechanism of action of DPP-4 Inhibitors.

Q.6 A. Answer **any two** of the following 8

- i. Note on pharmacology of Oxytocics.
- ii. Discuss any two drugs in treatment of anemia.
- iii. Classify anti-platelet agents and discuss pharmacology of any one drug.

Q.6 B. Answer **any one** of the following 4

- i. Classify Thrombolytic agents. Write the therapeutic uses of Fibrinolytics.
- ii. Discuss the mechanism of action and clinical uses of Warfarin.
