

Time- 3 hrs

Marks- 80

Q.1 A Answer the following

16

- i. Discuss mode of action of adverse effect of tetracycline
- ii. State mechanism of action of sulfonylurea
- iii. State one examples of synergistic antimicrobial combination. Write its advantage
- iv. Give Mechanism of action of sitagliptin
- v. Enlist disorders in which Immunosuppressants are prescribed
- vi. State the adverse effect of Penicillin
- vii. Explain cross resistance in bacteria with suitable examples
- viii Give uses of oxytocin

Q.1 B Answer the following

4

- i. Justify synthetic estrogen are prefer over natural estrogen
- ii. Write side effects of aminoglycoside
- iii. Classify antiamoebic drugs
- iv. Classify antifungal drugs. Write uses of miconazole

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

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- i. Discuss the pharmacology of Dapson
- ii. Classify antimalarial drugs. Write a note on quinine
- iii. Classify beta lactamase antibiotics. Write in brief about Peniciliin

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

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- i. Discuss in detail pharmacology of ketoconazole
- ii. Write in detail first line treatment use in tuberculosis and Write a note on Rifampicin

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

8

- i. Write a note on oral contraceptives
- ii. Classify oral hypoglycemic drugs. Discuss MOA and adverse effect of DPP IV inhibitors
- iii. Explain the role of vitamin D in maintain bone mineral density

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

4

- i. Discuss the pharmacotherapy of hypothyroidism
- ii. Classify drugs use in osteoporosis. Elaborate on Bisphosphonate

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

8

- i. Explain the pharmacology of warfarin
- ii. Write a note on corticosteroids
- iii. Discuss in detail MOA, Pharmacological effect and adverse effect of biguanides

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

i. Explain pharmacology of carbimazole

ii. What is the physiological role of Vitamin D. state the active forms of vitamin D

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

i. Explain the pharmacotherapy of amoebiasis.

ii. Write a short note on macrolide antibiotics.

iii. Classify antiviral drugs. Write a note on zidovudine.

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

i. Discuss in detail MOA, adverse effects of amphotericin B

ii. Write a note on vinca alkaloid

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

i. Classify immuosuppressants. Write a note on cyclosporine

ii. Discuss the pharmacology of insulin

iii. Write a note on alkylating agent

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

i. Discuss the role of thrombolytic agents

ii. Write a note on folic acid and its uses.

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