

Your answers should be specific to the questions asked.  
Draw neat labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY (Answer any TWO)****2 X 20 = 40 Marks**

1. Comment on most commonly observed bacterial infections. Describe the various factors involved in selection of antimicrobial drugs
2. What are the haematological adverse reactions associated with use of anti-cancer drugs. What is the treatment for these conditions? Comment on selection of drugs in treating lung cancer
3. What are the complications of uncontrolled diabetes? Describe pathophysiological mechanisms for the complications. Comment on the therapy of NIDDM

**SHORT ESSAY (Answer any FIVE)****5 X 10 = 50 Marks**

4. Describe pharmacotherapy of tuberculosis with special reference to combination of drugs and their adverse reactions
5. Comment on general principles of cancer chemotherapy with reference to selection of drugs
6. Explain pathophysiology and pharmacotherapy of depression
7. Write on use of immunosuppressants during renal transplantation indicating choice of drugs
8. Comment on chemotherapy of malaria with special reference to resistance
9. What are urinary tract infections? Enlist the drugs use to treat them. Indicate mechanism of action and adverse effects of any two drugs

**SHORT NOTES****2 X 5 = 10 Marks**

10. Pathogenesis of Parkinsonism
11. Pharmacotherapy of hypothyroidism

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