

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. Discuss pathophysiology and pharmacotherapy of diabetes mellitus. Add a note on complications of uncontrolled diabetes
2. Explain general principle of cancer chemotherapy. Add a note on commonly used cytotoxic drugs and adverse reactions associated with their use
3. Discuss aetiology, pathogenesis and therapeutic management of leprosy. Discuss complications associated and need for monitoring therapy in leprosy patients

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

4. Discuss pathophysiology and therapeutic management of anxiety and sleep disorder
5. Discuss pathophysiology and therapeutic management eye infection
6. Explain pathophysiology and therapeutic management of osteoporosis
7. Explain pathophysiology and therapeutic management stroke and transient ischaemic attacks
8. Add a note on drug induced psychosis
9. Discuss pathophysiology and therapeutic management of depression

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

10. Oral contraceptives
11. Drugs used in the treatment of malaria

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