



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Describe the cloning of genes. Discuss gene therapy for cancer. Add a note on stem cell therapy in Diabetes
2. Describe in detail the pathogenesis of atherosclerosis

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Drug usage in the elderly
4. Blood supply of brain
5. Bronchopulmonary segments
6. Incretins
7. Serologic tests for syphilis
8. Hyper homocysteinemias

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