



**LONG ESSAY**

**2 X 20 = 40 Marks**

1. Discuss definition, epidemiology, pathophysiology, clinical features, diagnosis and treatment of osteoporosis
2. Describe etiology, pathology, clinical manifestations, diagnosis, staging and treatment of lung cancer

**SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Sick euthyroid syndrome
4. Mechanisms and regulations of aldosterone secretion
5. Treatment of autoimmune hemolytic anemia
6. Alport's syndrome
7. Effects of ethanol on organ systems
8. Toxic epidermal necrolysis (TEN)

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