

**QP CODE: 206326**

**Reg. No: .....**

**Second Year Pharm D Degree Supplementary Examinations  
April 2025  
Pharmacotherapeutics - I**

**Time: 3 Hours**

**Total Marks: 70**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary.*

**Essays**

**(3x10=30)**

1. Define and classify hypertension according to JNC guidelines. Explain the etiology, pathogenesis and pharmacotherapy of essential hypertension.
2. Explain the etiopathogenesis, clinical features and treatment of osteoporosis.
3. Explain pathogenesis, triggering factors, diagnostic tests and pharmacotherapy of bronchial Asthma.

**Short notes**

**(8x5=40)**

4. Describe the various clinical features that differentiate Right ventricular failure and Left ventricular heart failure.
5. Discuss the role of HMG CO-A reductase inhibitors and fibrates in the management of hyperlipidaemia.
6. Explain the difference between Type I and Type II DM.
7. Guidelines for prescribing of drugs to pediatrics patients.
8. Pharmacist role in rational drug use and essential drug concept.
9. Categorization of drugs for pregnant and lactating mothers.
10. Risk and therapeutic uses of HRT.
11. Clinical features, diagnosis and treatment of Hyperthyroidism.

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