

**QP CODE: 206326**

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

**Second Year Pharm D Degree Supplementary Examinations  
April 2024  
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 congestive cardiac failure. Explain in detail the pathophysiology of right-sided and left-sided cardiac failure.
2. Define Diabetes Mellitus. Classify the various types of Diabetes Mellitus. Give the pharmacological treatment option available for the same.
3. What are prescribing guidelines. Why it is necessary to follow the guidelines for pregnancy and breastfeeding.

**Short notes**

**(8x5=40)**

4. Renin-angiotensin aldosterone mechanism.
5. Explain different types of arrhythmias.
6. Difference between chronic bronchitis and emphysema with signs and symptoms.
7. Define tidal volume, residual volume, and vital capacity.
8. Define oral contraceptives and their uses.
9. Write a note on the demerits of hormone replacement therapy.
10. List out the diagnostic test to identify glaucoma.
11. Define rational drug use. Role of pharmacist in rational drug use.

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