

**Q.P. Code: 402326**

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

**Fourth Year Pharm D Degree Supplementary Examinations  
January 2023**

**Hospital Pharmacy**

**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*

**Essay:**

**(3x10=30)**

1. Explain in detail about the manufacture of sterile formulations.
2. Discuss in detail the manufacturing methods and quality control test for tablets.
3. Write the steps involved in purchase procedure and explain, how will you distribute the drugs based on individual prescription method in hospital.

**Short notes:**

**(8x5=40)**

4. Warehousing of drugs.
5. Write about distribution of narcotic and other controlled substances.
6. Management of materials and finance in hospital pharmacy.
7. Infection control programme.
8. Explain any one method of preparation of creams and briefly write its evaluation parameters.
9. Manufacturing of liquid orals.
10. Define ABC, VED, EOQ, lead time and safety stock.
11. Describe about central sterile supply service.

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