

Q.P. Code: 105340

Reg. no.:

**First Pharm D Post Baccalaureate Degree Regular/Supplementary
Examinations August 2024**

Paper V – Biostatistics & Research Methodology

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 types of Clinical study design.
2. Explain in detail on chi square test and student's T test.
3. Write a note on Computer Applications in Hospital Pharmacy.

Short notes:

(8x5=40)

4. Discuss about the presentation of data.
5. Sample size calculation.
6. Power of a study.
7. Explain the significance of one way and twoway ANOVA Test.
8. Concise note on central tendency.
9. Computer Applications in Drug Information Retrieval and Storage.
10. Computerizing the prescription dispensing process.
11. Describe different types of statistical software.
