

Q.P. Code: 105340

Reg. no.:

**First Pharm D Post Baccalaureate Degree Regular/Supplementary
Examinations November 2025**

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 the methodology, advantages and disadvantages of case-control studies.
2. Explain the different types of data distributions.
3. Discuss the applications of computers in hospitals and community pharmacy.

Short notes:

(8x5=40)

4. Power of a study.
5. Interventional studies.
6. Presentation of data.
7. Histogram and pie chart.
8. Non-parametric tests and their applications.
9. Cohort study.
10. Epi Info software.
11. Relative risk and attributable risk.
