

Q.P. Code: 105340

Reg. no.:

**First Pharm D Post Baccalaureate Degree Supplementary
Examinations October 2023**

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 different types of observational studies.
2. Explain the principle and applications of different types of parametric tests.
3. Construction and labelling of various types of data graphics.

Short notes:

(8x5=40)

4. Level of significance.
5. Correlation coefficient.
6. Measures of central tendency.
7. Explain the importance of sample size in clinical studies.
8. Incidence and prevalence and their applications.
9. Cross-sectional study.
10. SAS software.
11. Coefficient of variation and standard error of mean.
