

Q.P. Code: 105340

Reg. no.:

**First Pharm D Post Baccalaureate Degree Regular/Supplementary
Examinations November 2021**

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 report preparation with contents of the report in a clinical trial.
2. Explain about level of significance and analysis of variance.
3. The uses of computers in community pharmacy.

Short notes:

(8x5=40)

4. Epidemiological methods of study design.
5. Discuss about relative risk and attributable risk
6. Explain Wilcoxon's signed rank test and sign test
7. Explain patient medication profiles and inventory control.
8. Explain about measures of central tendency
9. Summarize on uses of Chi-square (χ^2) test.
10. Epi info
11. Discuss about presentation of data
