

Q.P. Code: 105340

Reg. no.:

First Pharm D Post Baccalaureate Degree Examinations July 2019

Paper V – Biostatistics & Research Methodology

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(3x10=30)

1. Design an experimental protocol to conduct interventional clinical study
2. How data can be represented graphically. Explain different graphical representation with suitable example.
3. Explain the inventory control methods in a hospital pharmacy and available software

Short notes:

(8x5=40)

4. What are case studies
5. Data presentation
6. Discuss central tendency distributions.
7. What is power of test. Mention its significance
8. Null hypothesis
9. Describe non-parametric data
10. Interpretation of correlation co-efficient
11. Discuss the applications of SAS.
