

Q.P. Code: 404326

Reg. no.:

Fourth Year Pharm D Degree Supplementary Examinations July 2021

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. Give a detailed account of sample size determination.
2. Explain the uses of computers in drug information retrieval and storage.
3. Give a detailed account on the following: histogram, pie charts, scatter plots

Short notes:

(8x5=40)

4. Elucidate the use of computers in hospital pharmacy.
5. Explain with example null hypothesis.
6. Describe the case study method.
7. Discuss the attribute risks.
8. Explain the frequency of distribution.
9. Types of data distribution.
10. Give the importance of designing a methodology
11. Standard error of mean with example
