

Q.P. Code: 404326

Reg. no.:

**Fourth Year Pharm D Degree Supplementary Examinations
October 2023**

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. Define clinical study, outline various types of clinical study.
2. What is ANOVA. Explain briefly about one-way ANOVA Test.
3. Write a note on measures of central tendency and dispersion

Short notes:

(8x5=40)

4. Discuss about source of primary data.
5. Case study method.
6. Comment on Histogram.
7. Summarize about the importance of students 't' test
8. Add a note on incidence and prevalence.
9. Write about the computer system, in Hospital pharmacy.
10. Brief note on medication order entry.
11. Describe the merits of Computerized literature retrieval.
