Q.P. Code: 404326   Reg. no.: …………………

Fourth Year Pharm D Degree Examinations July 2019

Biostatistics & Research Methodology

Time: 3 Hours   **Total Marks: 70**

- Answer all questions
- Draw diagrams 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. Explain analysis of variance

Short notes: **(8x5=40)**

4. Describe the case study method.

5. Explain the frequency distribution.

6. Graphical methods for representation of data.

7. Explain with example null hypothesis.

8. Discuss the attributable risks.

9. Elucidate the computer uses in hospital pharmacy.

10. Non-parametric tests.

11. Correlation and regression

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