

Q.P. Code: 404326

Reg. no.:

Fourth Year Pharm D Degree Examinations, June 2016

Biostatistics & Research Methodology

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(3x10=30)

1. Explain different types of graphical presentation of data with suitable diagrams.
2. Explain briefly on different components of a research report/thesis.
3. Explain the general steps involved in the calculation of Mann Whitney test and Chi-square test.

Short notes:

(8x5=40)

4. Explain the role of computers in community pharmacy.
5. Explain the methodology of case control study.
6. Describe the different measures of central tendency.
7. Relative risk and Attributable risk
8. Explain null hypothesis and rejection criteria null hypothesis.
9. Different statistical softwares.
10. Sample size determination.
11. Use of computerized data retrieval.
