

[LD 822]

OCTOBER 2013

Sub. Code: 3822

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)****DEGREE EXAMINATION****FOURTH YEAR****PAPER IV – BIOSTATISTICS AND RESEARCH METHODOLOGY***Q.P. Code: 383822***Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Explain the steps involved in testing single mean in the case of large samples.
2. Report writing and presentation of data.

**II. Write notes on:****(10 x 3 = 30)**

1. Clinical study designs.
2. Level of significance.
3. Paired t - test.
4. One-Way Analysis of variance.
5. Measures of central tendency – mean and median.
6. Non-parametric test.
7. Regression Analysis.
8. Advantages of Computerized Medication Order Entry.
9. Uses of Computers in Pharmaceutical care.
10. Epidemiology.

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