

[LD 822]

OCTOBER 2013

Sub. Code: 3822

PHARM. D / POST BACCALAUREATE DEGREE EXAMS

FOURTH YEAR

PAPER IV – BIOSTATISTICS AND RESEARCH METHODOLOGY

Q.P. Code : 383822

Time : 3 hours

Maximum : 70 marks

I. Elaborate on :

(2x20=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 :

(10x3=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
