

[LL 822]

OCTOBER 2017

Sub. Code: 3822

**PHARM. 'D' AND PHARM. 'D' (POST BACCALAUREATE)
DEGREE EXAMINATION
(2009-2010 Regulation)
FOURTH YEAR
PAPER IV – BIOSTATISTICS AND RESEARCH METHODOLOGY**

*Q.P. Code: 383822***Time: Three hours****Maximum : 70 marks****I. Elaborate on:****(4 x 10 = 40)**

1. What is sampling? Discuss the various sampling methods are used in pharmacy.
2. Explain Drug information retrieval and storage.
3. What is the level of significance? Explain one way ANOVA Test.
4. Explain statistical software of SPSS, Epi info and SAS.

II. Write notes on:**(6 x 5 = 30)**

1. Explain the various measures of central tendency with suitable examples.
2. Write short notes on scatter plots and semi logarithmic plots.
3. Define Mean, Median and Mode.
4. Briefly write on the correlation.
5. Write out the computer system in Hospital pharmacy.
6. Write the uses of computer for pharmaceutical care in community pharmacy.
