

[LO 822]

MAY 2019

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. Write the applications of computer in drug information retrieval and storage.
2. Provide a detailed account on sample size determination.
3. Elucidate various types of distribution of data in clinical study.
4. How will you design a protocol to conduct an experimental clinical study?

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

1. Explain the utilization of computers for pharmaceutical care in community pharmacy.
2. Write down the drug labels and list in pharmacy.
3. Write notes on incidence and prevalence.
4. Explain case control studies.
5. What are correlation and regression? Give its application.
6. Short note on relative and attributed risk.
