

[LF 822]

OCTOBER 2014

Sub. Code: 3822

**DOCTOR OF PHARMACY (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****Answer All questions****I. Elaborate on:****(4 x 10 = 40)**

1. Discuss briefly on the needs and classification of Research study.
2. Discuss about research report and about sections used in research report.
3. Discuss about presentation of data.
4. Briefly discuss about inventory control.

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

1. Write short notes on research methodology.
2. Write about various ways of collecting samples.
3. Write about Type I error and Type II error.
4. Write about regression and correlation.
5. Write about Epi info.
6. Elucidate the use of computer and the database in hospital pharmacy.

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