

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LN 822]

OCTOBER 2018

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. Discuss regarding the various sampling methods with appropriate examples.
2. Enumerate shortly on the applications of various software used in clinical study.
3. Detail about the title of contents in study report preparation of clinical trial.
4. What is level of significance? Explain about one way analysis of variance test.

II. Write notes on:

(6 x 5 = 30)

1. Elucidate the use of computer and the database in hospital pharmacy.
2. Write short notes on designing the methodology.
3. Explain the responsibility of pharmacist in intravenous admixtures preparation.
4. State the importance of patient medication profile in pharmacy.
5. Concise note on central tendency.
6. Explain in detail on chi square test and student's T test.
