

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

[PHARMD 1023]

OCTOBER 2023

Sub. Code: 3822

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

Q.P. Code: 383822

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain Case control study and Cohort study.
2. Discuss the various types of sampling methods.
3. Explain the different types of graphical representation of data.
4. Discuss the role of computers in Community pharmacy.

II. Write notes on:

(6 x 5 = 30)

1. Write a note on Correlation.
2. Explain Type I error and Type II error.
3. Write a note on Sign test.
4. Explain the application of EPI INFO software.
5. Write a note on Drug information Storage and Retrieval.
6. Write a note on standard deviation and variance.
