

[PHARMD 0321]

MARCH 2021

Sub. Code: 3822

(OCTOBER 2020 EXAM SESSION)

PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE EXAMINATION

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 briefly on the various steps involved in a research process.
2. Explain application and procedure of student t test with an example.
3. Describe statistical methods in Epidemiology.
4. Enumerate the uses of computer in Hospital Pharmacy.

II. Write notes on:

(6 x 5 = 30)

1. Explain types of clinical study design with a practical example.
2. Summarize research report writing and presentation of data.
3. Write short notes on mean, median and mode with an example.
4. Explain the basic procedure of testing of hypothesis.
5. Describe different types of statistical software.
6. Discuss about drug information retrieval and storage.
