

2019 Scheme

QP CODE: 321332

Reg. No:.....

Third Semester M. Pharm Degree Supplementary Examinations February 2023

Paper I: Research Methodology & Biostatistics (MRM 301T)

(Common for all branches)

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain collection and analysis of data.
2. What are parametric statistical tests. Explain correlation and regression.
3. Explain the process of literature review.

Short Notes

(9x5=45)

4. Explain chi-square test.
5. Explain the relevance of sampling and sample size in epidemiology studies.
6. Explain the importance of publishing research reports in journals.
7. Define null and alternate hypothesis with an example.
8. Explain on degree of freedom and level of significance.
9. Explain CPCSEA guidelines.
10. Types of data and its tabulation in research..
11. Define research and write down the characteristics of a good research.
12. What are the strategies used to eliminate errors or bias.
