

2019 Scheme

QP CODE: 321332

Reg. No:.....

**Third Semester M. Pharm Degree Supplementary Examinations
June 2024**

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 analysis of variance
2. Explain the different components of research report
3. Explain objectives, requirements and practical difficulties involved in research

Short Notes

(9x5=45)

4. Medical ethics
5. Plagiarism and paraphrasing
6. Describe copyright
7. Null Hypothesis and rejection of null hypothesis
8. Discuss the different euthanasia techniques adopted for small laboratory animals
9. Guidelines for making a good oral presentation
10. Confidence interval and p value
11. Frequency of distribution
12. Advantages and disadvantages of case control studies
