

QP Code:122325

Reg. No.:.....

**MD (Hom.) Part I Degree Regular/Supplementary Examinations
October 2024**

Paper II - Research Methodology and Biostatistics

(2016 Scheme)

(Common to all specialties)

Time: 3 Hrs

Max. Marks: 100

- *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*

Essay:

(20)

1. Define Sample and Sampling. Describe in detail about various types of sampling methods. What are the characters of a good sample design

Short Essays

(8x10=80)

2. Write in detail about Randomization, its types, importance and applications in clinical research
3. What are Biases. Discuss about the various measures to minimize the biases in research
4. Describe and differentiate the Primary & Secondary data. Elaborate their specific importance
5. Enumerate the principles of Good clinical practice
6. Explain the different types of Measures of dispersion in brief
7. Describe the concept of normal distribution and standard normal curve in statistics
8. What are the common challenges encountered in conducting clinical researches in Homoeopathy
9. Discuss in brief the statistical software used in biomedical research
