

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Supplementary Examinations March 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. a) Explain steps involved in ecological study.
b) Discuss ecological fallacy.

Short Essays

(8x10=80)

2. Discuss the basic principles of ANOVA, Explain various ANOVA techniques.
3. Discuss the application of Kruskal-wallis test in homoeopathic research.
4. Explain cluster sampling with example.
5. Discuss the principles of ethics in biomedical research
6. Design a hybrid study for testing the effectiveness of calendula in injury.
7. Discuss the measures of dispersion
8. Describe conflict of interest in any health research.
9. Evaluate the concept of life table.
