

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Supplementary Examinations March 2023

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. Describe in detail the ethical issues that are encountered in biomedical research. Also mention in brief about the composition and role of ethical committee.

Short Essays

(8x10=80)

2. Describe in detail various types of observational research studies.
3. What is data. What are various methods of presenting the data.
4. What is research hypothesis and describe the categories of hypothesis.
5. Describe the outline of preparing a research paper.
6. Describe about correlation and regression.
7. How do statistical softwares help in data analysis and briefly describe different softwares used for it.
8. Describe about the research challenges in Homoeopathy in adopting the research methodology of modern medicine.
9. What are the different ways of conducting clinical trials of drug/drugs in a particular disease. Explain with an example.
