

QP Code:122325

Reg. No.:.....

**MD (Hom.) Part I Degree Regular/Supplementary Examinations
September 2022**

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. Write a brief protocol for conducting clinical research on introduction of new drug for Osteoarthritis in Homoeopathy.

Short Essays (8x10=80)

2. Mention different sampling techniques. Discuss the problems to be faced if appropriate samples are not taken for a clinical research.
3. Discuss briefly different types of observational studie.
4. What are the current challenges to research in Homoeopathy and how to address those challenges.
5. Describe the applicability of different graphs for presentation of data.
6. Differentiate between aim and objectives related to clinical research, with suitable examples.
7. What precautions are to be taken for dealing with 'Adverse Drug Reactions'.
8. Discuss the ethical issues involved in conducting research on animal models.
9. Describe different Variables and their applicability in research.
