

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Supplementary Examinations February 2021

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 'biostatistics'. Discuss how the knowledge of biostatistics can be applied for validation of research in Homoeopathy.

**Short Essays**

**(8x10=80)**

2. What is Pilot Study. Mention the necessity of Pilot studies in clinical research.
3. Write different types of 'Data' and their usage.
4. Differentiate between 'Qualitative' and 'Quantitative' research.
5. Describe the necessity for publication of outcomes of research studies.
6. Define: Mean, Median, Mode, SD and Variance.
7. Describe the role of 'Institutional Ethics Committee' for conducting research.
8. Give an outline of the protocol for conducting 'Drug Proving in Homoeopathy'.
9. Mention the merits of controlled trials in clinical research.

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