

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Regular/Supplementary Examinations May 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. Discuss the importance of protocol development in research studies and frame a protocol on conducting a clinical trial to study the effectiveness of Homoeopathic medicines in tonsillitis in children.

Short Essays

(8x10=80)

2. What are parametric and non-parametric tests. Describe one of each in detail.
3. Enumerate the advantages of sampling and discuss in brief the different methods of sampling used in research.
4. What are retrospective and prospective clinical research studies. Discuss the merits and demerits of each of them.
5. What are longitudinal studies. Describe its types in detail.
6. What is correlation coefficient. Comment upon its use in analysis of data.
7. Discuss the scope, value and methodology of clinical research in homoeopathy.
8. Describe the principles of ethics in medical research.
9. Explain different sources and presentation of data.
