

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Supplementary Examinations March 2019

Paper II - Research Methodology and Biostatistics

(2016 Scheme)

(Common to all specialties)

Time: 3 Hrs

Max. Marks: 100

- Answer all questions
- Draw diagrams whenever necessary

Essay:

(20)

1. Define Sampling. Enumerate the advantages of Sampling over complete enumeration. Discuss briefly the different methods of sampling used in research. How will you estimate the sample size.

Short Essays

(8x10=80)

2. Describe the advantages and disadvantages of case control studies.
3. Discuss the scope and limitations of a pilot study.
4. Explain with suitable examples, the research question and hypothesis in clinical trials.
5. Define and discuss primary and secondary data.
6. Explain the use of mean, median and mode for summarizing data.
7. What are the factors to be considered for deciding the research topics in homoeopathy.
8. Describe types of errors in hypothesis testing in clinical research.
9. Discuss the utilities of the latest soft wares for statistical analysis.
