

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Examinations May 2018

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. Mention different study designs for conducting clinical research. Explain with illustrations.

Short Essays:

(8x10=80)

2. Differentiate between retrospective and prospective research studies.
3. Define standard deviation and explain its use in measuring variations in sample observation.
4. What do you mean by RCT. Mention its scope and limitations in homoeopathy research.
5. What precautions are to be taken to ensure ethics in medical research
6. Discuss the factors to be considered for determining sample size in a particular clinical trial.
7. Mention the applicability of paired t-test and unpaired t-test, in analyzing the data of a clinical trial.
8. Discuss different methods of presenting 'data' in a research study.
9. Describe the necessity of conducting basic and fundamental research in Homoeopathy.
