

QP Code:122325

Reg. No.:.....

MD (Hom.) Part I Degree Supplementary Examinations October 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. Explain scope and applicability of statistics in medical science. How this knowledge can be used in homoeopathic research.

Short Essays

(8x10=80)

2. What do you mean by sampling. Describe its different techniques in brief.
3. Explain different sources and the presentation of 'data'
4. Describe standard deviation and its utility in research. How is it different from coefficient of variation.
5. What are randomized studies. Describe different methods of carrying out randomization.
6. What is null hypothesis. Describe tests of hypothesis
7. Discuss in brief different types of research study designs
8. What is ANOVA. Mention the utility of ANOVA in research with suitable examples
9. The gynaec department of a hospital performed following number of MTP's each month 15, 18, 25, 40, 25, 18, 20, 23, 30, 34 & 26. Find out the range, mean deviation and standard deviation of monthly MTP's.
