

**QP Code:122325**

**Reg. No.:.....**

**MD (Hom.) Part I Degree Examinations May 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. Suggest a standard protocol for conducting clinical research in homoeopathy

**Short Essays (8x10=80)**

2. Explain different Types of Sampling designs with its advantages and disadvantages.
3. Differentiate nominal and ordinal data
4. Discuss Dr. Hahnemann's contribution toward medical research of the present times
5. Discuss the utility of statistical software in Scientific research.
6. What is student 't' test. Discuss its utility in research
7. Describe the importance of literature review in research
8. Explain different sources and presentation of data
9. Pulse rate of 12 individuals are as 58, 66, 70, 74, 80, 86, 90, 100, 79, 96, 88, 97.  
Calculate standard deviation.

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