

**QP Code:122325**

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

**MD (Hom.) Part I Degree Supplementary Examinations October 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. Describe a brief protocol for conducting clinical trial in homoeopathy for verifying the effect of nonindividualized Homoeopathic medicine Lobelia tincture over the individualized Homoeopathic medicine in bronchial asthma.

**Short Essays:**

**(8x10=80)**

2. Discuss the importance of biostatistics for scientific validation of Homoeopathy.
3. Explain the merits of double blind placebo controlled trials.
4. Mention the applications of chi-square test for measuring association in the research studies.
5. Describe briefly, the research methodology which can be adopted for conducting drug proving in Homoeopathy.
6. Discuss the utilities of different tools for collection of data of research studies.
7. Narrate the difficulties in adopting the research methodology of modern medicine for conducting research in Homoeopathy.
8. Describe the different types of randomized sampling and mention the method of sample size calculation.
9. What is the importance of scientific publications. Mention the salient points to be covered for publication of a single case report.

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