

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

**M.D. (HOMOEOPATHY) DEGREE EXAMINATION – December 2020
PART I**

**COMMON TO ALL BRANCHES
RESEARCH METHODOLOGY AND BIostatISTICS**

Time: Three hours

Maximum: 100 marks

(Answer **ALL** questions)

SECTION-A

I. Write Essays: (2 x 10 = 20)

1. Write about Strength, Weakness, Opportunities and Threat of Research in Homoeopathy.
2. Drug Proving in Homoeopathy.

II. Write short notes on: (3 x 5 = 15)

3. Composition of Institutional Ethical Committee.
4. Randomized Control Trials.
5. Human Pathogenic Trials.

III. Write short notes on: (3 x 5 = 15)

6. Plagiarism and importance while Publication.
7. Vancouver style of Bibliography.
8. Cohort Study.

SECTION-B

I. Write essays: (2 x 10 = 20)

9. Write about different types of Sampling.
10. Define Hypothesis and types of Hypothesis testing.

II. Write short notes on: (3 x 5 = 15)

11. Kurtosis.
12. Chi Square test.
13. Types of Statistical Errors.

III. Write short notes on: (3 x 5 = 15)

14. Normal Curve.
15. Incidence Rate.
16. Pie Chart.
