

[LP 3101]

OCTOBER 2019

Sub. Code: 3101

**M.D. (SIDDHA) DEGREE EXAMINATION**

**(For the candidates admitted from the academic year 2016-2017)**

**FIRST YEAR**

**ALL BRANCHES**

**PAPER I – RESEARCH METHODOLOGY & BIO-MEDICAL STATISTICS**

*Q.P. Code : 323101*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss about the different types of research.
2. Discuss the types of qualitative research design.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Describe the four phases of a clinical trial.
2. Explain the importance of randomization.
3. Explain the binominal distribution.
4. Describe the chi-square test in detail with its merits and demerits.
5. Referencing styles – Vancouver.
6. Hypothesis testing.
7. Measures of morbidity.
8. Distinguish between prevalence and incidence.
9. Data collection methods.
10. Measures of dispersion.

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