

[LO 3101]

MAY 2019

Sub. Code: 3101

M.D. (SIDHA) DEGREE EXAMINATION

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

FIRST YEAR

BRANCH I, II, VI–VIII & IX

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 various data collection methods with suitable examples.
2. Discuss in detail the essential components of a research proposal and what are the factors affecting the research design?

II. Write notes on:

(10 x 6 = 60)

1. Student T- test and its importance.
2. Confidence interval.
3. Distinguish parametric and non parametric test.
4. Type I and Type II errors.
5. Explain in brief about Skewness and kurtosis.
6. ANOVA.
7. Cohort study.
8. Vital statistics.
9. Bias.
10. The following are the ages admitted in a ward-24, 32, 19, 27, 44, 42, 32, 55, 53, find its mean, median, mode, range and standard deviation.
