

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2022 – 2023 & thereafter)

M.Sc., DEGREE EXAMINATION, NOVEMBER 2023
PSYCHOLOGY
THIRD SEMESTER

COURSE : CORE
PAPER : RESEARCH METHODS AND APPLIED STATISTICS
SUBJECT CODE : 22PY/PC/RM34
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION A

ANSWER ANY SIX QUESTIONS. (6 x 10=60)

1. Explain the ethical issues in research.
2. Method vs methodology – Illustrate.
3. List down the various types of hypothesis and explain basic concepts related to them with the help of relevant examples.
4. Write a note on scales of measurement.
5. Compare and contrast between time series design and cross sectional research.
6. Give the pros and cons of case study method.
7. Spell out the various measures of central tendency and explain when it is most appropriate to use each of them.
8. List out some of the non parametric statistics and explain any one in detail.

SECTION B

ANSWER ANY TWO QUESTIONS. (2 x 20=40)

9. Elaborate on the various steps in research.
10. Analyse the probability and non probability methods of sampling.
11. Elucidate the various experimental designs in research.
12. For a topic of your interest, write a research proposal in accordance with the APA guidelines.
