

15.4
TM242541S

Reg. No :

Name :

MASTER'S DEGREE (C.S.S) EXAMINATION, MARCH 2024

2023 ADMISSIONS REGULAR

SEMESTER II - CORE COURSE PSYCHOLOGY

PY2C07TM - Research Methodology

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. List down and explain the sources of information in research process?
2. Explain the characteristics of a good sample?
3. Define the term sample size and describe its importance in research process? Explain large and small sample theory in research?
4. Differentiate between experimental and non-experimental designs?
5. Write a short note on factorial design?
6. Discuss Grounded Theory Design in qualitative analysis?
7. Discuss the steps in Content Analysis.
8. Write a short note on p-Value and significance level in research?
9. Discuss kurtosis and its types?
10. Write down the importance of abstract in a research report.



Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Describe research process in detail?
12. Write a note on Philosophy of Research.
13. List down and explain the factors influencing sample size?
14. Write a short note on non-experimental designs a) Case Study Designs b) Quasi Experimental Designs
15. Discuss the following research designs a) Time Series Design b) Non Randomized Control Group Design
16. Explain the steps involved in case study analysis in qualitative research?
17. Write a short note a) R Value b) R² (R-Square) c) Pearson Correlation Coefficient.
18. Explain the importance of review of literature and methodology in research proposal. Discuss and brief about the components to be included under methods / methodology in research proposal?

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Discuss Non-Probability Sampling? List down the types of Non-Probability Sampling and explain each with examples?
20. Explain the basic designs of qualitative research a) Case study b) Comparative study c) Retrospective study
21. Discuss the assumptions, conditions and formulae of Z-test (one sample and two sample Z-test) and t-test (one sample and two sample t-test)?
22. Write a note on the guidelines for publication of articles.