



QP CODE: 24018822



Reg No : .....

Name : .....

**MSc DEGREE (CSS) EXAMINATION , APRIL 2024**

**Second Semester**

M Sc PSYCHOLOGY

**CORE - PY010203 - RESEARCH METHODOLOGY**

2019 Admission Onwards

96FA4E16

Time: 3 Hours

Weightage: 30

**Part A (Short Answer Questions)**

*Answer any **eight** questions.*

*Weight 1 each.*

1. Ontology.
2. Internal validity of research.
3. Purposive sampling.
4. Types of sampling error.
5. Extraneous variance.
6. Matched groups design.
7. Audiovisual Materials.
8. Significance level of test.
9. Advantages of regression over correlation.
10. Summary and conclusions in research report.

(8×1=8 weightage)

**Part B (Short Essay/Problems)**

*Answer any **six** questions.*

*Weight 2 each.*

11. Methods of collecting secondary data.
12. Difference between moderator and mediator variables.
13. Techniques of sample size estimation.





14. Describe balancing and counterbalancing in controlling extraneous variance.
15. Discuss need for qualitative research In Psychology.
16. Discuss the advantages of Spearman's rank correlation method.
17. Differentiate parametric from non parametric tests.
18. Explain the methods of citation.

(6×2=12 weightage)

**Part C (Essay Type Questions)**

*Answer any **two** questions.*

*Weight 5 each.*

19. Explain the different methods of controlling variables.
20. Critically analyse the role of principles of experimental design in making a research valid.
21. Discuss the basic designs in qualitative research using suitable examples.
22. Discuss the guide lines for publishing an article.

(2×5=10 weightage)

