



QP CODE: 22001006



22001006

Reg No :

Name :

M Sc DEGREE (CSS) EXAMINATION, APRIL 2022

Third Semester

Faculty of Science

M Sc COMPUTER SCIENCE (DATA ANALYTICS)

CORE - CA030303 - COMPUTATIONAL RESEARCH METHODOLOGY

2019 ADMISSION ONWARDS

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Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Define the term research.
2. Define Working Hypothesis in Research.
3. Define Research Literature.
4. Briefly explain Secondary data with a proper example.
5. What do you mean by error analysis in research?
6. Define thesis.
7. Define the term Plagiarism.
8. What is Authorship in research?
9. Write notes on literature review.
10. State four uses of Internet in research?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Define research. Explain the objectives of research.
12. What are Scientific Methods.? How it is related to Research.?





13. Which are the elements considered while critical reading?
14. Discuss some problems associated with data processing.
15. Write a note on scientific models used in a research.
16. How interdisciplinary research is useful ? Discuss.
17. Explain the Ethics values and Principles.
18. Define E-journal. What are its advantages?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Explain case study method along with its characteristics.
20. Discuss the Deductive and inductive methods of research.
21. Explain the Importance of Ethics in Research.
22. Explain in journal impact factor, citation Index , h Index.

(2×5=10 weightage)

