



QP CODE: 24045063



24045063

Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, OCTOBER 2024

Third Semester

M.Sc COMPUTER SCIENCE (Data Analytics)

CORE - CA030303 - COMPUTATIONAL RESEARCH METHODOLOGY

2020 ADMISSION ONWARDS

0070E9EC

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. What makes people to undertake research?
2. What is basic research?
3. List the various research approaches.
4. What do you mean by analysis of data in research?
5. List out some scientific models used in a research.
6. Differentiate the terms thesis, antithesis and synthesis.
7. What are Ethics values and Principles?
8. What are the Ethical issues in research?
9. List some applications of computer in research.
10. Define E-Journal.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Briefly mention the steps involved in a Research process.
12. Differentiate the term reading and reviewing.
13. Write notes on finding a research paper.





14. Critically examine the statement "Interview introduce more bias than does the use of questionnaire".
15. Briefly explain the coding operation in data processing.
16. Give an overview of research methods in detail.
17. Explain Copyright in detail.
18. How MS office helpful in research?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. What is research? Describe the characteristics of research? What all are the issues and problems in research?
20. Discuss various principles of accessing Research Data.
21. Briefly explain Misuse of Privileged Information and Misuse of Data.
22. Discuss structuring and general format of technical reports.

(2×5=10 weightage)

