



QP CODE: 23002936



23002936

Reg No :

Name :

M Sc DEGREE (CSS) EXAMINATION, MARCH 2023

Third Semester

Faculty of Science

M Sc COMPUTER SCIENCE (DATA ANALYTICS)

CORE - CA030303 - COMPUTATIONAL RESEARCH METHODOLOGY

2019 ADMISSION ONWARDS

E9B50FC3

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. write a note on Experimental approaches in reasearch.
2. Define research method.
3. What are the different types of Research purposes?
4. What do you mean by coding in data processing.
5. What is scientific method in research?
6. Why computer science is called as Interdisciplinary research area?
7. Write notes on Research Ethics.
8. Define Intellectual Property Rights.
9. Define h index.
10. List various types of E-journals

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Briefly explain the significance of research.
12. How a literature review is developed?





13. Show the criteria of Good Research
14. Briefly explain the needs for data collection in research
15. Briefly discuss interview as a technique of data collection.
16. What do you mean by inductive methods? Explain the inductive methods used in Computing Science.
17. Which are the Ethical issues in research?
18. Briefly explain how internet is useful in research?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Give a detailed explanation about the need for Data collection.
20. Explain the significance of interdisciplinary research?
21. Write a detailed description on Copy Right, and Intellectual Property Rights
22. Explain how algorithms are presented and environment of algorithms.

(2×5=10 weightage)

