

23I302

(Pages: 2)

Name: .....

Reg.No: .....

**THIRD SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2024**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC20 GLO3 IA12 / CC23 GLO3 IA12 - RESEARCH METHODOLOGY**

(Geology)

(2020 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

**Part A (Short answer questions)**

Answer *all* questions. Each question carries 2 marks.

1. Explain planning of a research
2. Discuss the significance of objectives in a research work
3. Explain research proposal with an e.g.
4. Medline
5. Diamond route
6. Types of article reviews
7. Explain how to choose a perfect method to execute the research
8. Describe the analysis of Results (data)
9. Discuss the significance of correlation coefficient in a set of results
10. Main body
11. List of tables
12. References
13. Double blind peer review
14. Forms of plagiarisam
15. Journal Submission steps

**(Ceiling: 25 Marks)**

**Part B (Paragraph questions)**

Answer *all* questions. Each question carries 5 marks.

16. Define a Research topic of your own interest.
17. Discuss about a summer school program, you wish to participate.

18. Add a note on purpose of a literature review.
19. Define research protocol with a model.
20. Discuss experimental research.
21. What belongs in the "methods" section of a scientific paper?
22. Types of manuscripts.
23. Important hints for preparing a conference paper.

**(Ceiling: 35 Marks)**

**Part C (Essay questions)**

Answer any *two* questions. Each question carries 10 marks.

24. Distinguish quantitative and qualitative selection of a method for research.
25. Discuss briefly about the advantages and disadvantages of digital library. Add a note on its functions.
26. Explain different methods for presenting result of a research.
27. Write an essay on typical format of thesis writing.

**(2 × 10 = 20 Marks)**

\*\*\*\*\*