

**24I302**

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Name: .....

Reg.No: .....

**THIRD SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2025**

(CBCSS)

(Regular/Supplementary/Improvement)

**CC20GLO3IA12 / CC23GLO3IA12 - 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. Discuss research planning.
2. Explain qualitative method of selection for research with suitable examples.
3. List advantages of attending a summer school program.
4. Reference materials.
5. Google scholar.
6. Open access journals.
7. Discuss research protocol.
8. List a few methods, which can be applied in Earth Sciences to execute the research.
9. Explain different methods to analyze results (data).
10. Table of contents.
11. Abstract.
12. Parts of a research paper.
13. Auto plagiarisam.
14. Journal Submission steps.
15. Types of research conferences.

**(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 in detail about the things to be taken care before fixing the objectives.
18. Drawbacks of digital libraries.
19. Discuss observed and experimental research.
20. Explain different methods for presenting result of a research.
21. Thesis components.
22. Single author and two author reference.
23. Types of peer review and its pros and cons.

**(Ceiling: 35 Marks)**

**Part C (Essay questions)**

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

24. Discuss in detail about the preparation of a research proposal.
25. Describe short communications and their importance in research.
26. Discuss in detail about the advantages, disadvantages of SPSS program in comparison with other statistical programs.
27. Elaborate about the thesis writing its characteristics and format.

**(2 × 10 = 20 Marks)**

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