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(Pages: 2)

Name: .....

Reg.No: .....

**THIRD SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2023**

(CBCSS)

(Regular/Supplementary/Improvement)

**CC20I A12 - 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. Describe Topic Selection.
2. Discuss research planning.
3. Define summer school program.
4. Literature.
5. USDA
6. Hybrid journals.
7. Distinguish observed and experimental research.
8. Describe the analysis of Results (data).
9. Explain how to prepare a table in an excel.
10. Preliminary section of a thesis.
11. Preface.
12. Discussion section.
13. Abstract.
14. H-Index.
15. Peer reviewd journals.

**(Ceiling: 25 Marks)**

**Part B** (Paragraph questions)

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

16. Explain selection of a method for the research.

17. Discuss in detail about the preparation of a research proposal with an example of your choice of research.
18. Difference between an Article review and a literature review.
19. Explain how to choose a suitable method for the proposed work plan.
20. Discuss about a method, which can be applied in Earth Sciences to execute the research.
21. Bibliography and Appendix.
22. Forms of plagiarisam and way to avoid plagiarisam.
23. Paper submission and publication steps in a journal.

**(Ceiling: 35 Marks)**

**Part C (Essay questions)**

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

24. Discuss in detail about the things to be taken care before fixing the objectives along with suitable examples.
25. Briefly describe digital library. Add a note on its advantages.
26. Discuss in detail about the advantages, disadvantages of SPSS program in comparison with other statistical programs with an example.
27. Define manuscript preparation for journal submission and parts of a research paper.

**(2 × 10 = 20 Marks)**

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