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REV-001

**Ph. D. IN ENVIRONMENTAL SCIENCE
(PHDEV)**

Term-End Examination

December, 2024

REV-001 : RESEARCH METHODOLOGY-I

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **five** questions out of eight questions.

(ii) All questions carry equal marks.

1. Write an essay on the major emerging areas in interdisciplinary research. 20
2. Discuss the importance of research methodology. Explain the various types of research that can be conducted. 20
3. Discuss on the identification and planning of a research area and the techniques of defining a research problem. 20

4. Describe impact factor and citation index.
Describe the various review processes in publishing scientific research. 20
5. Describe the various methods of data collection.
Explain classification and presentation of data. 20
6. Discuss some difficulties faced by environmental science researchers in conducting field based studies in India. 20
7. Discuss why reviewing literature is most important while doing research. 20
8. Describe the basic concepts in writing research papers for journals. Explain the peer review process in publishing research. 20

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