

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

**Term-End Examination  
June, 2025**

**REV-001 : RESEARCH METHODOLOGY-I**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) Answer any **five** questions.

(ii) All questions carry equal marks.

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1. Describe the characteristics, types and process of research in Environmental Sciences. 20
2. Explain the term 'research'. Discuss some major emerging areas of concern in the field of Environmental Sciences. 20
3. Write short notes on the following : 10+10
  - (a) Hypothesis
  - (b) Web-based resources and digital libraries

**[ 2 ]**

4. Write a research proposal in your subject area with proper headings. 20
5. Define ethics and plagiarism. Discuss the need for original research, creative thinking and writing and the use of softwares in conducting research. 20
6. Give an account of the major funding agencies in environmental science research and the types of support provided to researchers. 20
7. Explain the basic concepts in writing research papers for journals. Explain double-blind and peer review processes in publishing scientific research. 20
8. Write a detailed comparative account of qualitative and quantitative research. 20

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