

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

Term-End Examination

June, 2026

REV-001 : RESEARCH METHODOLOGY-I

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Define research design. How will you design a research proposal in your area of expertise ?
Explain with an example. 20
2. Discuss the various types of research methodologies along with its advantages and disadvantages. 20
3. Write an account on plagiarism and scientific ethics in research with suitable examples. 20
4. Discuss the various problems encountered by researchers in India in the field of Environmental Sciences. 20

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5. Explain double-blind and peer-review processes in publishing scientific research.
20
6. Write a note on IPR in research and development.
20
7. Explain the importance of major funding agencies in India in environmental science research.
20
8. Discuss research plan and its components.
Explain the methods of conducting research.
20

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