

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

Term-End Examination

June, 2025

REV-002 : RESEARCH METHODOLOGY-II

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

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1. What is meant by sampling in research ?
Describe various methods of sampling. 20
 2. Explain the significance of literature review
and bibliography in a research report. 20
 3. (a) What are the basic concepts in writing a
research paper ? 10
(b) Describe various methods of research. 10
 4. Prepare a detailed research proposal on your
proposed research topic. 20

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5. (a) What is meant by interpretation and generalization in research work ? 10
- (b) What is the role of computers in research work ? Explain. 10
6. What is meant by research design ? Explain briefly about the components of research design. 20
7. What is meant by hypothesis ? What are the characteristics of good hypothesis testing ? Explain null hypothesis with an example. 20

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