

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

Term-End Examination

December, 2024

REV-002 : RESEARCH METHODOLOGY-II

Time : 3 Hours

Maximum Marks : 100

Note : Answer any *five* questions. All questions carry equal marks.

1. Discuss the environmental sampling methods.
Explain their suitability in environmental research. 20
2. (a) Explain the procedure involved in testing
of hypothesis. 10
(b) What are the methods used to prove or
reject hypothesis ? Explain. 10
3. Prepare a detailed research proposal on your
proposed research topic. 20

4. Discuss various software packages available for analysing the research data in the field of Environmental Science. 20
5. What is meant by Descriptive Statistics ? Discuss the use of various tools of Descriptive Statistics in the environmental research. 20
6. Explain the significance of Research Design. What are the features of a good research design ? 20
7. Define a research problem. Explain the techniques involved in identifying the research problem. 20

x x x x x x x