

A-575

Total Pages : 3

Roll No.

EVS-505

**RESEARCH METHODOLOGY FOR
ENVIRONMENTAL STUDIES**

M.Sc. Environmental Science (MSCES-21)

1st Semester Examination, 2024 (June)

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

Long Answer Type Questions 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. What is sample design ? Discuss various types of sampling designs in detail.

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2. What is Scaling ? Describe the classification of scale in detail.
3. What is multivariate analysis ? Explain its characteristics and applications.
4. What do you mean by the hypothesis ? Explain the characters of the hypothesis in detail.
5. Write an essay on the process of research in detail.

Section–B

Short Answer Type Questions 4×8=32

Note :– Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Discuss the applications of GIS in Environmental Studies.
2. Discuss the need for research design.
3. Explain the sources of error in measurement.
4. Explain the level of significance.
5. Write a note on the following :
 - (i) Type-I and Type-II errors
 - (ii) Median

6. What is the importance of the tabulation in data preparation ? Explain.
7. Elaborate about the current environmental research problem in context to India.
8. Explain the advantages and disadvantages of interview method of data collection.
