

A-0864

Total Pages : 2

Roll No.

ENS-602/EVS-505

**RESEARCH METHODOLOGY FOR
ENVIRONMENTAL STUDIES**

M.Sc. Environmental Science (MSCES)

Examination, June 2025

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 do you mean by research? Discuss the role and importance of research in Environmental Science.
2. Write an essay on case study method of data collection.
3. Discuss in detail about hypothesis and its characteristics.
4. Explain in detail about the multivariate analysis and its characteristics.
5. Describe in detail about the probability and non-probability sampling designs.

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. Differentiate between research techniques and research methods.
2. Discuss the methods of primary data collection.
3. Explain the advantages and disadvantages of case study methods.
4. Write a brief note on regression.
5. What are type-I and type-II errors? Explain.
6. What are the features of good research design? Explain.
7. Write a short note on the importance of cluster analysis?
8. Define mean and median with suitable example.
