

A-0924

Total Pages : 3

Roll No.

ENS-602/EVS-505

M.Sc. (Environmental Science) (MSCES)

Research Methodology for Environmental Studies

Examination February, 2026

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.

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(1)

P.T.O.

1. What do you understand by the term research ? Describe in detail about the role and importance of research in environmental science.
2. Discuss the important concept related to research design in detail.
3. Explain in detail about the data collection and its methods.
4. What is Remote Sensing ? Discuss its applications in environmental studies in detail.
5. Explain t-test 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. Describe about the research problem briefly.
2. Differentiate between primary data and secondary data.
3. Write notes on the following :
 - (i) Index Number
 - (ii) Standard Error
4. Explain briefly about the multi-dimensional scaling.

5. Write a brief note on qualitative and quantitative research.
6. Explain the Turkey's Q-test.
7. Explain the following :
 - (i) Degree of Freedom
 - (ii) Time series
8. Differentiate between the sampling and non-sampling errors.
