

**S-701**

Total Pages : 3

Roll No. ....

**EVS-505**

**Research Methodology for Environmental Studies**

M.Sc. Environmental Science (MSCES)

1st Semester Examination, 2022 (Dec.)

**Time : 2 Hours]**

**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.

**SECTION-A**

**(Long Answer Type Questions)**

**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.

(2×19=38)

1. Describe criteria of good research.

2. Define five measures of central tendency.
3. What do you understand by Correlation and Regression?
4. Explain factor analysis and discriminate analysis.
5. Elaborate various steps of report along with layout.

## **SECTION-B**

### **(Short Answer Type Questions)**

**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. (4×8=32)

1. Define research methodology.
2. Briefly describe the three principles of experimental design.
3. Differentiate between sampling and non-sampling errors.
4. Define primary and secondary data.
5. Define point and interval estimation.
6. What is t-test? Explain.

7. What is cluster analysis? Explain.
  8. Explain Data interpretation.
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