

D 52034

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Name.....

Reg. No.....

**THIRD SEMESTER P.G. DEGREE EXAMINATION
NOVEMBER 2023**

(CCSS)

Economics

ECO 3E 02—RESEARCH METHODOLOGY AND COMPUTER APPLICATION

(2022 Admission onwards)

Time : Three Hours

Maximum : 50 Marks

Part A (Multiple Choice Questions)

*Answer all questions.**Each question carries 1 mark.*

1. What is the main disadvantage of using convenience sampling in social science research ?
 - a) It may not be representative of the population.
 - b) It may be time-consuming.
 - c) It may be expensive.
 - d) It may be easy to conduct.
2. To pursue the research, which of the following is priorly required ?
 - a) Developing a research design.
 - b) Formulating a research question.
 - c) Deciding on the data analysis procedure.
 - d) Formulating a research hypothesis.
3. What are the conditions in which Type-1 error occurs ?
 - a) The null hypothesis gets accepted even if it is false.
 - b) The null hypothesis gets rejected even if it is true.
 - c) Both the null hypotheses, as well as alternative hypotheses, are rejected.
 - d) None of the above.

Turn over

4. What is the main purpose of univariate analysis in social science research ?
- a) To analyze and describe a single variable.
 - b) To identify relationships between two variables.
 - c) To analyze relationships among multiple variables.
 - d) To identify outliers in a dataset.
5. A variable that is presumed to cause a change in another variable is known as :
- a) Exogenous variable.
 - b) Dependent variable.
 - c) Independent variable.
 - d) Intervening variable.

(5 × 1 = 5 marks)

Part B (Very Short Answer Questions)

*Answer any **five** questions.*

Each question carries 1 mark.

- 6. What do you mean by Literature Review ?
- 7. Explain Plagiarism.
- 8. Discuss explanatory research.
- 9. Explain Biased and Unbiased Errors.
- 10. Explain the APA format of reference style.
- 11. Write a note on ethics in research.
- 12. What do you mean by population in research?
- 13. A note on the Chi-square test.

(5 × 1 = 5 marks)

Part C (Short Answer Questions)

*Answer any **six** questions.*

Each question carries 4 marks.

- 14. Write a short essay on the Meaning and Importance of research.
- 15. Explain the difference between a null hypothesis and an alternative hypothesis in social science research and provide an example of each.
- 16. Differentiate between census and sample.

17. Explain the difference between qualitative and quantitative research.
18. Discuss the role of visualizations and how they can aid in interpreting the results.
19. Compare and contrast the use of convenience sampling and snowball sampling in social science research.
20. Explain the use of SPSS, Excel, and R for quantitative data analysis.
21. Explain different types of research.
22. What do you mean by a case study ? Explain in detail.

(6 × 4 = 24 marks)

Part D (Essay Type Questions)

*Answer any **two** questions.
Each question carries 8 marks.*

23. How do researchers ensure that a sample is representative of a larger population in social science research ?
24. Compare and contrast the functions of NSSO with other secondary data sources in India.
25. Discuss the use of tables, figures, and other visual aids in communicating research findings in a social science research report.
26. How do field studies and surveys provide economic insights ?

(2 × 8 = 16 marks)