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School of Liberal Education

Master of Arts in Economics
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - K1PN203T - Research Methodology in EconomicsGeneral Instructions

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) State the null hypothesis (H₀) and the alternative hypothesis (H₁) for a study investigating whether the average test scores of two groups are significantly different. K2 (2)
- 2) Define deliberate sampling. K1 (3)
- 3) How does systematic sampling differ from simple random sampling? K2 (4)
- 4) Explain the concept of p-value in hypothesis testing. How is it used to make decisions about the null hypothesis? K2 (6)
- 5) Describe the assumptions underlying the independent samples t-test and explain why these assumptions are important. K3 (6)
- 6) Can you design a simple questionnaire for a hypothetical research study? K3 (9)
- 7) How does the need for research reflect the dynamic nature of human curiosity and the quest for knowledge? K4 (8)
- 8) Explain Type I and Type II errors in hypothesis testing with the help of a suitable real life example. K4 (12)

OR

- Explain the concept of sampling design and discuss the different types of sampling methods. Provide examples for each type. K4 (12)