



K18P 0305



Reg. No. : .....

Name : .....

**Fourth Semester M.A. Degree (Reg./Suppl./Imp.) Examination, March 2018**  
**Economics/Applied Economics/Development Economics**  
**(2014 Admission Onwards)**  
**(Elective)**

**ECO4E 13 : RESEARCH METHODOLOGY AND COMPUTER APPLICATION**

Time : 3 Hours

Max. Marks : 60

**PART - A**

Choose the correct answer. Answer **all** questions. **All** questions carry **equal** marks.

1. Testing of hypothesis is a
  - a) Descriptive statistics
  - b) Inferential statistics
  - c) Data preparation
  - d) Data analysis
2. Which of the following is a non-probability sampling method ?
  - a) Random
  - b) Cluster
  - c) Snow ball
  - d) Stratified
3. Taking the idea that the richer someone is the more likely they are to be miser, what would the correct hypothesis be ?
  - a) Greater levels of richness are will be associated with lower levels of miser behaviour
  - b) People with more miser behaviour are likely to be less rich than individual who are less miser
  - c) Miser behaviour is positively linked with richness
  - d) None of these
4. Non sampling error can be minimized by
  - a) Increasing sample size
  - b) Decreasing sample size
  - c) Reducing amount of data
  - d) None of these

P.T.O.



5. A complete list from which samples are drawn are called
  - a) Sampling method
  - b) Sampling frame
  - c) Snow ball sampling
  - d) Cluster sampling
6. The introductory section of a research report should aim to
  - a) Grab the reader's attention
  - b) Identify the specific focus of the study
  - c) Provide a rationale of the dissertation
  - d) All of these
7. In SPSS what is the 'data viewer'.
  - a) A table summarizing the frequencies of data for one variable
  - b) A spread sheet into which data can be entered
  - c) A dialog box that allows us to choose a statistical test
  - d) A screen in which variables can be viewed and labelled
8. Standard error of regression analysis is known as
  - a) Average of coefficient
  - b) Variance of residual
  - c) Mean of residual
  - d) Average of residual

(1/2×8=4)

## PART – B

Answer **any eight** questions. **Each** question should **not** exceed **one** page carry **2** marks.

9. Distinguish between type I error and type II errors.
10. Distinguish between pure research and applied research.
11. Examine the role of hypothesis in a research.
12. How descriptive statistics are prepared using MS-Excel ?
13. Analyze the features of a good research report.
14. Distinguish between census and survey methods.
15. What are the three factors that influence representativeness of a sample ?



16. What are the functions of a research design ?
17. When might you sample the entire population ?
18. What is meant by stratified random sampling ?
19. Distinguish between questionnaire and schedule.

(8×2=16)

## PART – C

Answer **any 4** questions. **Each** question should **not** exceed **2** and **half** pages carries **5** marks **each**.

20. Trace the various steps involved in a social science research.
21. What are the important methods to collect primary data ?
22. Trace the need for survey of literature in a social science research.
23. What are the important components of a research report ?
24. What do you mean by research problem ? What are the important steps involved in the formulation of a research problem ?
25. Examine the relative merits and demerits of SPSS and Gretl in data analysis.

(4×5=20)

## PART – D

Answer **any 2** questions. **Each** carries **10** marks and should **not** exceed **6** pages.

26. What is multistage stratified systematic quota random sampling ? Explain the process of multistage stratified random sampling and its merits.
27. Critically examine the various non probability sampling methods.
28. What is meant by research design ? What are the important elements of a well structured research design ?
29. What are the important types of research ? Analyze the use and significance of different types of research.

(2×10=20)