



K16P 0316



Reg. No. :

Name :

**IV Semester M.A. Degree (Reg./Sup./Imp.) Examination, March 2016
ECONOMICS/APPLIED ECONOMICS/DEVELOPMENT ECONOMICS**

(2014 Admn.)

Elective – ECO4E13

Research Methodology and Computer Application

Time : 3 Hours

Total Marks : 60

PART – A

Answer **all** questions.

Choose the correct answer :

- 1) Which of the following measures of dispersion is affected most by extreme values of observations in a data set ?
 - a) Range
 - b) Quartile Deviation
 - c) Mean Deviation
 - d) Standard Deviation
- 2) Testing hypothesis is an example for
 - a) Inferential statistics
 - b) Descriptive statistics
 - c) Data preparation
 - d) Data analysis
- 3) Uniting various qualitative methods with quantitative methods can be called as
 - a) Coalesce
 - b) Triangulation
 - c) Bipartite
 - d) Impassive
- 4) Which of the following would generally require the largest sample size ?
 - a) Cluster sampling
 - b) Simple random sampling
 - c) Systematic sampling
 - d) Proportional stratified sampling
- 5) Which of the following types of sampling involves the researcher determining the appropriate sample sizes for the groups identified as important, and then taking convenience samples from those groups ?
 - a) Proportional stratified sampling
 - b) Quota sampling
 - c) One-stage cluster sampling
 - d) Two-stage cluster sampling

P.T.O.



- 6) Question that consists of two or more questions joined together is called a
- a) Double barreled question b) General question
c) Accurate question d) Confusing question
- 7) A researcher wants to conduct a survey of the drug users. Which type of sampling technique will be most appropriate here ?
- a) Sequential sampling b) Snowball sampling
c) Quota sampling d) Convenience sampling
- 8) Which type of review compares how different theories address an issue ?
- a) Context review b) Integrated review
c) Theoretical review d) Methodological review **(8×½=4)**

PART – B

Answer **any 8** questions. Answer should **not** exceed **1½** pages.

9. Distinguish between research methods and research methodology.
10. Explain the sampling and non-sampling errors.
11. What is meant by sample design ?
12. Define a hypothesis and mention the important characteristics that a hypothesis should possess.
13. Distinguish between fundamental and applied research.
14. What is cluster sampling ? What are its advantages ?
15. Explain the difference between questionnaire and schedule.
16. Explain the meaning and significance of research design.
17. What are the qualities of a good research ?
18. What is meant by 'trend' ? What are the methods for calculating trends ? Explain the estimation of trend equation using the graphical wizard in MS Excel.
19. Discuss the characteristics and limitations of social science research. **(8×2=16)**



PART – C

Answer **any four** questions. Answer should **not** exceed **2½** pages **each**.

20. Explain the difference between simple linear regression model and multiple linear regression model.
21. What is growth rate ? Explain the method of estimation of growth rate using Excel.
22. What are the uses of statistical packages ?
23. Examine the role of value in social research.
24. Discuss the merits and limitations of the observation method in collecting material.
25. Explain the techniques involved in defining a research problem. **(4×5=20)**

PART – D

Answer **any two** questions. Answer should **not** exceed **6** pages **each**.

26. Explain the various methods and techniques associated with sampling.
27. Describe the different steps involved in a research process.
28. Explain the significance of research in modern period and also describe the basic types of research.
29. Explain the different methods of collecting primary data. **(2×10=20)**