



K19P 0031

Reg. No. :

Name :

IV Semester M.A. Degree (Reg./Suppl./Imp.) Examination, April 2019
(2014 Admission Onwards)
ECONOMICS/APPLIED ECONOMICS/DEVELOPMENT ECONOMICS
Elective : ECO4E13 : 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.

- Standard error of regression analysis is known as
 - Average of coefficient
 - Average of residual
 - Mean of residual
 - Variance of residual
- What is the purpose of conclusion in a research report ?
 - It just a summary of what article already said
 - It summarizes the key findings in relation to the research questions
 - It contains useful review of relevant literature
 - It outlines the methodological procedure followed in the literature
- In SPSS, Which sub-dialog box can the Chi-square test be found ?
 - Frequencies : percentages
 - Cross tabs : statistics
 - Bivariate : Pearson
 - Gender : female
- Which one of the following is used to compare the variation or dispersion in two or more sets of data even though they are measured in different units ?
 - Range
 - Standard deviation
 - Coefficient of variation
 - Mean deviation



5. In regression analysis, the dependent variable is also called
- a) Regressand b) Regression
c) Continuous variable d) Independent
6. Specialized program that allows user to utilize in specific application is classified as
- a) Relative programs b) Application programs
c) Replicate programs d) None of the above
7. Hypothesis is a
- a) An experiment that test certain experiments
b) An independent variable
c) A dependent variable
d) A prediction of a relationship between certain variables
8. In the regression equation $Y = a + bX$, 'a' is called
- a) X-intercept b) Y-intercept
c) Dependent variable d) None of the above (½×8=4)

PART – B

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

9. Distinguish between questionnaire and schedule.
10. Distinguish between lottery method and random table method of sample selection.
11. Distinguish between correlation and regression.
12. Establish a relationship between population, sample frame and a sample.
13. How can we make a sample a most representative one of the population ?
14. Distinguish between applied research and pure research.
15. Analyze the importance of survey of literature in a research.
16. Examine the use of MS-EXCEL as a tool of data analysis.
17. Distinguish between Bibliography and references.



18. Distinguish between census and sample survey methods.

19. Distinguish between sampling error and non sampling error. (8×2=16)

PART – C

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

20. What is meant by research problem ? What are the important steps involved in formulation of a research problem ?
21. What are the important things to be kept in mind while writing a research report ?
22. Analyze the use, characteristics and type of hypothesis in a social science research.
23. What are the important methods of collecting secondary data ?
24. What are the important elements of a good sampling design ?
25. Explain the various steps involved in the estimation of growth rate and trend equations using MS-EXCEL. (4×5=20)

PART – D

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

26. Discuss the relative merits and demerits of various probability sampling techniques.
27. What are the various methods of collecting primary data and discuss the relative merits of each source.
28. Evaluate the advantages and disadvantages of SPSS and Gretl in data analysis.
29. What are the important types of research ? Analyze the use and importance of different types of research. (2×10=20)