



K23P 0120

Reg. No. :

Name :

IV Semester M.A. Degree (C.B.S.S. – Reg./Supple./Imp.)

Examination, April 2023

(2019 Admission Onwards)

Economics/Applied Economics/Development Economics

ECO4E13 : RESEARCH METHODOLOGY AND COMPUTER APPLICATIONS

Time : 3 Hours

Max. Marks : 60



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

1. Which of the following statement is correct ?
 - a) Discoveries are researches
 - b) Researches lead to discovery
 - c) Invention and Research are related
 - d) None of the above
2. Schedule is a secondary source of data collection.
 - a) True
 - b) False
3. Random sampling is helpful as it is _____.
 - a) Reasonably accurate
 - b) Free from personal biases
 - c) An economical method of data collection
 - d) All the above
4. Which of the following statement is correct ?
 - a) Objectives should be pin-pointed
 - b) Another word for problem is variable
 - c) Objectives can be written in statement or question form
 - d) All the above

P.T.O.



5. Type-I Error occurs if _____
- a) The null hypothesis is rejected even though it is true
 - b) The null hypothesis is accepted even though it is false
 - c) Both the null hypothesis as well as alternative hypothesis are rejected
 - d) None of the above
6. Mean, Median and Mode are
- a) Measures of deviation
 - b) Ways of sampling
 - c) Measure of central tendency
 - d) None of the above
7. What is the major attribute of Correlation Analysis ?
- a) Association among variables
 - b) Difference among variables
 - c) Regression among variables
 - d) Variations among variables
8. What is the name of the conceptual framework in which the research is carried out ?
- a) Research hypothesis
 - b) Synopsis of research
 - c) Research paradigm
 - d) Research design
- (8×½=4)**

PART – B

Answer **any eight** questions. **Each** answer should **not** exceed **one** and **half** pages.

9. What is a Research Design ?
10. What is a research problem ?
11. State the characteristics of explanatory research.
12. What is Scaling ?
13. Distinguish between primary and secondary data.
14. What are the classifications of non-probability sampling ?
15. Mention the types of measurement scales.
16. What are the features of a bar chart ?
17. What do you mean by data processing ?
18. Give the meaning of time-series data.
19. What is a data viewer in SPSS ?
- (8×2=16)**



PART – C

Answer **any four** questions. **Each** answer should **not** exceed **two** and **a half** pages.

20. What are the objectives of Research ?
21. Explain the concept and sources of literature review.
22. Explain the characteristics of a good hypothesis.
23. Explain the role of computer in research.
24. Explain the basic steps in data processing and Analysis.
25. Explain the importance of research report.

(4×5=20)

PART – D

Answer **any two** questions. **Each** answer should **not** exceed **six** pages.

26. Explain the various tools and techniques of data collection used in research.
27. Define hypothesis and explain the types of research hypothesis.
28. What do you understand by SPSS ? Explain the features of SPSS.
29. What is Microsoft Excel ? Explain the features and benefits of using Microsoft Excel.

(2×10=20)