



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

**PART – A**

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

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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)