Reg. No. : ....

Name : ....

IV Semester M.A. Degree (C.B.S.S. – Reg./Suppl. (Including Mercy Chance)/Imp.) Examination, April 2021
(2014 Admission Onwards)
ECONOMICS/APPLIED ECONOMICS/DEVELOPMENT ECONOMICS
ECO 4E13 : Research Methodology and Computer Application

Time : 3 Hours   Max. Marks : 60

PART – A

Answer all questions. All questions carry equal marks.

1. Action research means
   a) Exploratory research
   b) Longitudinal research
   c) Qualitative research
   d) A research initiated to solve an immediate problem

2. The essential qualities of a researcher are
   a) Reliance on observation and evidence
   b) systematization or theorizing of knowledge
   c) Spirit of free enquiry
   d) All the above

3. Type-I error means
   a) The null hypotheses get accepted even if it is false
   b) The null hypotheses get rejected even if it is true
   c) Both the null hypotheses as well as alternative hypotheses are rejected
   d) None of the above

4. The longitudinal research approach deals with
   a) Long-term research
   b) Short-term research
   c) Horizontal research
   d) None of the above

5. Which among the following is not the method of Research ?
   a) Survey
   b) Historical
   c) Both a) and b)
   d) None of the above

6. Which one is called non-probability sampling ?
   a) Quota sampling
   b) Cluster sampling
   c) Systematic sampling
   d) Stratified random sampling

7. _____ an open-source statistical package, mainly for econometrics.
   a) SPSS
   b) GRETL
   c) STATA
   d) All the above

8. Snowball sampling is a
   a) Probability random sampling technique
   b) Non-probability random sampling technique
   c) Both a) and b)
   d) None of the above

(8×½=4)

PART – B

Answer **any eight** questions. **Each** question carries **2** marks.

9. Define the term research.

10. What do you mean by applied research ?

11. Write a note on hypothesis.

12. Define standard deviation.

13. What do you mean by research design ?

14. Define random sampling.

15. What are use of EXCEL ?

16. Define coefficient of variation.

17. What is the meaning of error minimisation ?

18. What do you mean by empirical research ?

19. Define the non-probability sampling method.

20. When sample is preferred over census ?

21. Distinguish between correlation and regression.

22. Distinguish between Bibliography and references.

23. Distinguish between coefficient of standard deviation and coefficient of variation.

24. Distinguish between primary data and secondary data. (8×2=16)

PART – C

Answer **any four** questions. **Each** question carries 5 marks.

25. Briefly discuss the importance of type I error and type II error.

26. Distinguish between qualitative research and quantitative research.

27. Briefly write on different probability sampling techniques.

28. Write a note on the features of good research.

29. What are special features of social science research ?

30. Distinguish between sample survey method and census survey method.

31. Briefly discuss how descriptive statistics are computed using MS-EXCEL.

32. Explain the uses of GRETL in social science research. (4×5=20)

PART – D

Answer **any two** questions. **Each** question carries 10 marks.

33. Briefly discuss the meaning and scope of social science research.

34. Elaborate the different types of research in social sciences.

35. Explain the different sampling methods under probability and non-probability sampling techniques.

36. Briefly write the issues and limitations of social science research.

37. Briefly discuss the steps involved in the research process.

38. Write the various steps involved in writing a research report and discuss its significance in detail. (2×10=20)