C 41756 **(Pages : 4)** **Name.....**

Reg. No.....

FOURTH SEMESTER M.A. DEGREE (REGULAR/SUPPLEMENTARY) EXAMINATION, APRIL 2023

(CBCSS)

Economics

ECO 4E 10/ECO 4C 14—RESEARCH METHODOLOGY AND COMPUTER APPLICATION

(2019 Admission onwards)

Time : Three Hours Maximum : 30 Weightage

Part A (Multiple Choice Questions)

Answer **all** *questions.*

Each bunch of **five** *questions carries a weightage of* 1.

1. ———— is an important type of qualitative research ?

   (a) Case study. (b) Applied research.

   (c) Motivation research. (d) Simulation.

2. Source card is related to ————.

   (a) Problem. (b) Methods.

   (c) Issues. (d) Review of literature.

3. Factorial design is ————.

   (a) Formal. (b) Informal.

   (c) Both (a) and (b). (d) None of these.

4. ———— is a subjective abstract concept.

   (a) Scaling. (b) Scoping.

   (c) Measuring. (d) Graphing.

5. Observation in the natural setting is ————.

   (a) Controlled. (b) Uncontrolled.

   (c) Personal. (d) Interpersonal.

Turn over

6. A popular method of primary data collection is ————.

   (a) Observation. (b) Interview.

   (c) Case study. (d) Questionnaire.

7. ———— is an indirect interview technique.

   (a) Projective. (b) Productive.

   (c) Pantry. (d) Warranty.

8. The measure of flat toppedness of a curve is ————.

   (a) Mean. (b) Median.

   (c) Kurtosis. (d) Skewness.

9. In the normal curve ————.

   (a) $X = M \neq Z$. (b) $X = M = Z$.

   (c) $X \neq M \neq Z$. (d) $X \neq M = Z$.

10. Series of successive observation of a given phenomena is ————.

    (a) *Index number*. (b) Correlation.

    (c) Time series analysis. (d) Regression.

11. The easiest software for data analysis is ————.

    (a) SPSS. (b) E-views.

    (c) Gretel. (d) Excel.

12. Among the following which is included in the end matter of a report.

    (a) Acknowledgement. (b) Summary.

    (c) Findings. (d) Bibliography.

13. ———— is a characteristic of a sample.

    (a) Parameter. (b) Statistic.

    (c) Alternate. (d) Variable.

14. Standard deviation of sampling distributions of a statistic is ————.

(a) ME. (b) SE.

(c) CV. (d) SD.

15. ———— research aims to provide solution for an immediate problem facing a society.

(a) Descriptive. (b) Applied.

(c) Empirical. (d) Fundamental.

(15 × 1/5 = 3 weightage)

Part B (Very Short answer type Questions)

Answer any **five** *questions.*

Each questions carries a weightage of 1.

16. Explain the objectives and motivation in research.

17. Compare applied and fundamental research.

18. What is primary data ? How it is different from secondary data ?

19. What are the merits and demerits of interview method ?

20. Explain the characteristics of secondary data which a researcher posses.

21. Explain the points observed by a researcher in selecting a research problem.

22. Explain the basic principles in the use of excel in research.

23. What is the most widely used classification of measurement scales?

(5 × 1 = 5 weightage)

Part C (Short Answer Type Questions)

Answer any **seven** *questions.*

Each questions carries a weightage of 2.

24. What are the points to be determined by a researcher in sample size ?

25. What are the procedures for hypothesis testing ?

26. Explain the distribution-free tests.

27. Explain the important multivariate techniques.

Turn over

28. Explain the layout of the research report.
29. Explain the use of computer applications in research.
30. Explain the steps in sample design.
31. Explain the important experimental designs.
32. Explain the important non-parametric tests used in practice.
33. Explain the meaning and characteristics of case study method.

(7 × 2 = 14 weightage)

Part D (Essay Type Questions)

Answer any **two** *questions.*

Each questions carries a weightage of 4.

34. Briefly explain the different steps in the research process.
35. What is sampling ? Explain the different types of sample designs.
36. What is hypothesis ? Explain the basic concepts concerning testing of hypothesis.
37. What is interpretation ? Explain the precautions and techniques of interpretation in research.

(2 × 4 = 8 weightage)