Name.................................

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C 80

FOURTH SEMESTER M.A. DEGREE EXAMINATION, MARCH 2020

(CUCSS)

Economics

ECO 4C 27—RESEARCH METHODOLOGY AND COMPUTER APPLICATIONS

Time : Three Hours

Maximum : 36 Weightage

Part A

Answer all questions.

Each question carries ¼ weightage.

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

    (a) Descriptive.

    (b) Applied.

    (c) Empirical.

    (d) Fundamental.

2. Among the following which is highly related to ROL :

    (a) Methods.

    (b) Problem.

    (c) Research gap.

    (d) Techniques.

3. Which principle is not related to experimental design ?

    (a) Replication.

    (b) Randomization.

    (c) Local control.

    (d) Enumeration.

4. ——————— is a relatively more complicated scaling device.

    (a) Single.

    (b) Complicated.

    (c) Multi-dimensional.

    (d) Simple.

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

    (a) Controlled.

    (b) Uncontrolled.

    (c) Personal.

    (d) Interpersonal.

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

    (a) Observation.

    (b) Interview.

    (c) Case study.

    (d) Questionnaire.

Turn over

7. Co-efficient of standard deviation is a——————— measure.

   (a) Absolute.

   (b) Co-efficient.

   (c) Relative.

   (d) Standard.

8. Value of middle item is ———————.

   (a) Mode.

   (b) Mean.

   (c) Range.

   (d) Medium.

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. Secular trend shows the direction of——————— analysis.

    (a) Cross sectional.

    (b) Oscillation.

    (c) Time series.

    (d) Irregular.

12. Accept Ho when it is false is ——————— error.

    (a) Type I.

    (b) Type II.

    (c) Both (a) and (b).

    (d) None of these.

(12 × ¼ = 3 weightage)

Part B (Very Short Answer Type Questions)

Answer any five questions.
Each question carries a weightage of 1.

13. Explain the objectives and motivation in research ?

14. Compare applied and fundamental research ?

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

16. What is systematic sampling ?

17. What are the different measurement scales ?

18. Write a note on measures of dispersion ?

19. Compare statistic and parameter ?

20. Explain the general outline of a popular report ?

(5 × 1 = 5 weightage)

Part C (Short Answer Type Questions)

Answer any eight questions.

Each question carries a weightage of 2.

21. What are the different steps in report writing ?

22. Explain the important non-parametric tests used in practice ?

23. Explain the procedure for hypothesis testing ?

24. Explain estimation ?

25. Explain the concept of standard error ?

26. Explain the element of analysis ?

27. Explain the processing operations in research ?

28. What are the factors keeping in view for selecting the appropriate method for data collection ?

29. Explain the difference between questionnaire and schedules ?

30. Explain the steps in sample design ?

31. Explain the important experimental designs ?

(8 × 2 = 16 weightage)

Part D (Essay Type Questions)

Answer any three questions.

Each question carries a weightage of 4.

32. Define research ? What are the different classifications of research ?

33. Briefly explain the different steps in the research process ?

34. What is data ? Explain the different methods of data collection ?

35. What is hypothesis ? Explain standard test of hypothesis ?

36. Explain the role of Excel and SPSS in research ?

(3 × 4 = 12 weightage)