

(6 pages)

Reg. No. :

Code No. : 10307 E Sub. Code : CMEC 54

B.A. (CBCS) DEGREE EXAMINATION,
APRIL 2025.

Fifth Semester

Economic — Core

RESEARCH METHODOLOGY

(For those who joined in July 2021 and 2022 only)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. A Research is a _____
 - (a) Lab experiment
 - (b) Systematic and scientific inquiry
 - (c) Report
 - (d) Hypothesis
2. What is the first step in the research process?
 - (a) Data Analysis
 - (b) Literature review
 - (c) Hypothesis testing
 - (d) Research design
3. Field-work based research is classified as:
 - (a) Empirical
 - (b) Historical
 - (c) Experimental
 - (d) Biographical
4. _____ is a plan for collecting and analysing data in an economic and efficient manner.
 - (a) Research
 - (b) Research Design
 - (c) Hypothesis
 - (d) Coding
5. Alternative Hypothesis is also called as
 - (a) Composite hypothesis
 - (b) Research Hypothesis
 - (c) Simple Hypothesis
 - (d) Null Hypothesis
6. The probability of Type 1 error is referred as
 - (a) $1-\alpha$
 - (b) β
 - (c) α
 - (d) $1-\beta$

7. Data collected from the records of an organisation is called
- (a) Internal data (b) Secondary data
(c) External data (d) Primary data
8. Which of the following is undesirable in a Questionnaire?
- (a) Asking for unnecessary information
(b) Avoiding ambiguity in questions
(c) Simplest possible wording and suitable vocabulary
(d) Number of questions should be small.
9. The meanings and implications of the study become clear through
- (a) Interpretation (b) Research plan
(c) Data collection (d) Hypothesis
10. The _____ includes footnotes, bibliography and appendix.
- (a) Reference section
(b) Preliminary section
(c) Main body
(d) Table

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Describe the criteria of good research.
Or
(b) Differentiate Quantitative and Qualitative Research.
12. (a) What is meant by Research Design? Explain the essentials of a Research Design.
Or
(b) Write a short note on the characteristics of a good research design.
13. (a) Elucidate the two types of error in hypothesis testing.
Or
(b) Explain the concept of Null and Alternative hypothesis.
14. (a) Discuss the method of Multi stage sampling.
Or
(b) Examine the merits and demerits of Census method.

15. (a) Enunciate the need for Interpretation.

Or

(b) Define Report Writing. What special point should be kept in mind in the Report writing?

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write short notes on:

(i) Historical Research

(ii) Applied Research

(iii) Experimental and

(iv) Descriptive Research

Or

(b) Analyse the nature of social research. Also state its major objectives.

17. (a) Discuss the steps involved in preparing a research design.

Or

(b) Explain the significance of research design and mention the factors affecting the research design.

18. (a) What are the sources of hypothesis? Analyse the characteristics of a good hypothesis.

Or

(b) Describe the sequential steps involved in testing the hypothesis.

19. (a) Elaborate the guidelines for constructing a Schedule.

Or

(b) Explain the various methods that are used in the collection of primary data pointing out their merits and demerits.

20. (a) Write short notes on:

(i) Tabulation

(ii) Editing and

(iii) Coding

Or

(b) Describe the contents of a Research report in detail.