

2023

**ECONOMICS — HONOURS**

Paper : SEC-B-1

(Research Methodology)

Full Marks : 80

*The figures in the margin indicate full marks.  
Candidates are required to give their answers in their own words  
as far as practicable.*

**Group - A**1. Answer *any ten* questions :

2×10

- (a) What do you mean by random numbers?
- (b) Define non-sampling error.
- (c) Define qualitative research.
- (d) Mention any two uses of Histogram.
- (e) What is phase diagram?
- (f) Define critical region.
- (g) What is meant by research hypothesis?
- (h) Distinguish between confidence level and significance level.
- (i) Distinguish between citation and reference.
- (j) Write down two major limitations of Secondary data collection.
- (k) Mention two methods of data collection in research.
- (l) What do you mean by sample design?
- (m) Distinguish between confidence level and significance level.
- (n) What is JEL classification?
- (o) What is the role of footnotes or endnotes in a research paper?

**Group - B**2. Answer *any four* questions :

- (a) Distinguish between theoretical and empirical research in economics. 5
- (b) "The task of defining the research problem often follows a sequential pattern." — Explain. 5

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- (c) Why tabulation is considered essential in a research study? Narrate the characteristics of a good table. 2+3
- (d) How does the case study differ from the survey method? 5
- (e) Explain the meaning of the research hypothesis in the context of research design. 5
- (f) Narrate the various steps involved in writing research report. 5

**Group - C**

Answer *any four* questions.

3. (a) Discuss the various characteristics of good research. 5+5
- (b) Discuss the types of sampling using suitable examples.
4. (a) "A systematic bias results from errors in the sampling procedures." — What do you mean by such a systematic bias? Describe the important causes responsible for such a bias. 2+3+5
- (b) "It is only through interpretation the researcher can expose the relations and processes that underlie his findings." Explain, giving examples.
5. Enumerate the objective and significance of review of literature. Briefly explain how do you conduct a literature review during a research. 6+4
6. Distinguish between *any two* of the following : 5×2
- (a) One-tailed test and Two-tailed test.
- (b) Statistics of Attributes and Statistics of Variables.
- (c) Null hypothesis and Alternative hypothesis.
7. What is the distinction between quantitative and qualitative approach of research? What are the techniques of primary data collection under qualitative approach? 4+6
8. Write short notes on (*any two*) : 5×2
- (a) Importance of Bibliography in research paper
- (b) Importance of Pilot Survey in Research
- (c) Importance of Abstract and Keywords in a research paper
- (d) Preparation of a good PowerPoint presentation for any research problem.