

2025

M.COM. 1st Semester Examination

COMMERCE

Paper : COMC403X0

(Research Methodology and Ethics)

Full Marks : 50

Time : Two Hours

The figures in the margin indicate full marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Unit-I

Answer any *two* questions : 5×2=10

1. (a) Define research. State briefly the objectives of research.
- (b) Briefly state the relative merits of a sample survey over complete enumeration.
- (c) A researcher wants to estimate the average income of the people of a town at a 95% confidence level. The population size of the town is 50,000. Applying Cochran's formula, determine the minimum required

P.T.O.

(2)

sample size. If he moves to a village with a population size of 2000, and wants to estimate the average income of the villagers at a 95% level, then what should be the minimum required sample size?

3+2

Answer any *one* question : $10 \times 1 = 10$

2. (a) (i) Write short notes on descriptive research and applied research.
- (ii) State briefly the features of a good questionnaire for a primary survey. $5+5$
- (b) (i) Distinguish between probability sampling and non-probability sampling.
- (ii) What are the different techniques of primary data collection? Briefly explain any one of them. $3+(2+5)$

Unit - II

Answer any *two* questions : $5 \times 2 = 10$

3. (a) Write the meaning of the following terms : Ghost author, Gift author, Data fabrication, Data falsification
- (b) What do you understand by in-text citation and referencing? Explain its importance in research. $2+3$
- (c) Distinguish between correlation and regression.

(3)

Answer any *one* question :

10×1=10

4. (a) (i) What do you mean by testing of a hypothesis? Distinguish between null hypothesis and alternative hypothesis.
- (ii) Give an overview of the structure of a research report. (2+3)+5
- (b) (i) What is plagiarism? Why is it considered as a breach of academic integrity?
- (ii) Discuss the penalty as per UGC Guidelines if a researcher commits plagiarism. (3+2)+5

Internal Assessment : 10 marks
