



Faculty of Commerce

End Semester Examination May 2025

CM3SE04 Research Methodology

Programme	:	B.Com. (Hons.)	Branch/Specialisation	:	-
Duration	:	3 hours	Maximum Marks	:	60

Note: All questions are compulsory. Internal choices, if any, are indicated. Assume suitable data if necessary. Notations and symbols have their usual meaning.

Section 1 (Answer all question(s))		Marks	CO	BL
Q1.	In order to pursue the research, which of the following is priorly required?	1	1	2
<input type="radio"/>	Developing a research design	<input checked="" type="radio"/>	Formulating a research question	
<input type="radio"/>	Deciding about the data analysis procedure	<input type="radio"/>	Formulating a research hypothesis	
Q2.	How to judge the depth of any research?	1	1	2
<input type="radio"/>	By research title	<input type="radio"/>	By research duration	
<input checked="" type="radio"/>	By research objectives	<input type="radio"/>	By total expenditure on research	
Q3.	Why do you need to review the existing literature?	1	1	2
<input type="radio"/>	To make sure you have a long list of references	<input type="radio"/>	Because without it, you could never reach the required word-count	
<input checked="" type="radio"/>	To find out what is already known about your area of interest	<input type="radio"/>	To help in your general studying	
Q4.	Concept is of two types-	1	1	1
<input type="radio"/>	Abstract and Coherent	<input type="radio"/>	Concrete and Coherent	
<input checked="" type="radio"/>	Abstract and concrete	<input type="radio"/>	None of the above	
Q5.	The main problem in questionnaire is-	1	1	1
<input type="radio"/>	Accessible to Diverse Respondent	<input type="radio"/>	Greater Anonymity	
<input checked="" type="radio"/>	Shows an inability of respondent to provide information	<input type="radio"/>	None of these	
Q6.	A tool used to establish priorities or order among a set of items-	1	1	1
<input checked="" type="radio"/>	Ranking Scale	<input type="radio"/>	Rating Scale	
<input type="radio"/>	Graphic Scale	<input type="radio"/>	None of these	
Q7.	Which technique is generally followed when the population is finite?	1	1	2
<input checked="" type="radio"/>	Systematic Sampling Technique	<input type="radio"/>	Purposive Sampling Technique	
<input type="radio"/>	Area Sampling Technique	<input type="radio"/>	None of the above	
Q8.	A complete list of all the sampling units is called-	1	1	1
<input type="radio"/>	Sampling design	<input checked="" type="radio"/>	Sampling frame	
<input type="radio"/>	Population frame	<input type="radio"/>	Cluster	
Q9.	A formal document that presents the research objectives, design of achieving these objectives, and the expected outcomes/deliverables of the study is called-	1	1	2
<input type="radio"/>	Research design	<input checked="" type="radio"/>	Research proposal	
<input type="radio"/>	Research hypothesis	<input type="radio"/>	None of these	

Q10. A comprehensive full Report of the research process is called-

1 1 1

- ☒ Thesis
 ☐ Summary Report
☐ Article
 ☐ None of these

Section 2 (Answer all question(s))

Marks CO BL

Q11. Explain the scope of research.

4 1 1

Rubric	Marks
Explain any four scopes of research. Each carry one mark	4

Q12. (a) Describe the importance of research applications in taking business decisions with examples.

6 1 2

Rubric	Marks
Describe importance of research applications in taking business decisions with an examples. (Any six)	6

(OR)

(b) What is an ethical issue in research? Briefly describe the ethical issues faced by the researcher while doing research.

Rubric	Marks
What is an ethical issue in research? - 2 Marks Briefly describe the ethical issues faced by the researcher while doing research. - 4 Marks	6

Section 3 (Answer all question(s))

Marks CO BL

Q13. Explain the difference between Type-I and Type- II error.

4 1 2

Rubric	Marks
each difference carry one marks	4

Q14. (a) Discuss the purpose of hypothesis in research. Explain the procedure of developing a good hypothesis.

6 1 1

Rubric	Marks
Discuss the purpose of hypothesis in research. - 2 Marks Explain the procedure of developing a good hypothesis. - 4 Marks	6

(OR)

(b) How do you formulate a research problem? What considerations should a researcher keep in mind while formulating a research question?

Rubric	Marks
How do you formulate a research problem? - 2 Marks What considerations should a researcher keep in mind while formulating a research question? - 4 Marks	6

Section 4 (Answer all question(s))

Marks CO BL

Q15. What is a Pilot study? Explain the significance of pilot study in research.

4 1 2

Rubric	Marks
What is a Pilot study? - 1 Marks Explain the significance of a pilot study in research. - 3 Marks	4

Q16. (a) What do you mean by scale? Explain various types of scales with examples.

6 1 1

Rubric	Marks
What do you mean by scale? - 2 Marks Explain various types of scales with examples. - 4 Marks	6

(OR)

(b) What is a questionnaire? Explain the process of construction of a questionnaire.

Rubric	Marks
What is a questionnaire? -2 Marks Explain the process of construction of a questionnaire. - 4 Marks	6

Section 5 (Answer all question(s))

Marks CO BL

Q17. Differentiate between sampling and non-sampling errors.

2 1 2

Rubric	Marks
Differentiate between Sampling and non-sampling errors. any two each carry one mark.	2

Q18. (a) How do you determine a sample? Explain different types of probability and nonprobability sampling in brief.

8 1 1

Rubric	Marks
How do you determine a sample? - 2 Marks Explain different types of probability and nonprobability sampling in brief (Any 3). - 6 Marks	8

(OR)

(b) What is a sampling design? Explain the characteristics of a good sample design.

Rubric	Marks
What is a sampling design? - 2 Marks Explain the characteristics of a good sample design. Any six each carry one mark. - 6 Marks	8

Section 6 (Answer any 2 question(s))

Marks CO BL

Q19. Difference between a research proposal and a research report.

5 1 2

Rubric	Marks
Difference between a research proposal and a research report. Any five each carry one mark	5

Q20. Explain the purpose of a research report. Describe the criteria for a good research report.

5 1 2

Rubric	Marks
Explain the purpose of a research report. - 2 Marks Describe the criteria for a good research report. - 3 Marks	5

Q21. Define research report. Explain various components of a research report.

5 1 2

Rubric	Marks
Define research report. - 2 Marks	5
Explain various components of a research report. - 3 Marks	
