

# Faculty of Commerce

## End Semester Examination May 2025

### CM3SE04 Research Methodology

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

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

<b>Section 1 (Answer all question(s))</b>				<b>Marks CO BL</b>
<b>Q1.</b> 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"/> Deciding about the data analysis procedure			<input checked="" type="radio"/> Formulating a research question <input type="radio"/> Formulating a research hypothesis	
<b>Q2.</b> How to judge the depth of any research?				1 1 2
<input type="radio"/> By research title <input checked="" type="radio"/> By research objectives			<input type="radio"/> By research duration <input type="radio"/> By total expenditure on research	
<b>Q3.</b> 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 checked="" type="radio"/> To find out what is already known about your area of interest			<input type="radio"/> Because without it, you could never reach the required word-count <input type="radio"/> To help in your general studying	
<b>Q4.</b> Concept is of two types-				1 1 1
<input type="radio"/> Abstract and Coherent <input checked="" type="radio"/> Abstract and concrete			<input type="radio"/> Concrete and Coherent <input type="radio"/> None of the above	
<b>Q5.</b> The main problem in questionnaire is-				1 1 1
<input type="radio"/> Accessible to Diverse Respondent <input checked="" type="radio"/> Shows an inability of respondent to provide information			<input type="radio"/> Greater Anonymity <input type="radio"/> None of these	
<b>Q6.</b> 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"/> Graphic Scale			<input type="radio"/> Rating Scale <input type="radio"/> None of these	
<b>Q7.</b> Which technique is generally followed when the population is finite?				1 1 2
<input checked="" type="radio"/> Systematic Sampling Technique <input type="radio"/> Area Sampling Technique			<input type="radio"/> Purposive Sampling Technique <input type="radio"/> None of the above	
<b>Q8.</b> A complete list of all the sampling units is called-				1 1 1
<input type="radio"/> Sampling design <input type="radio"/> Population frame			<input checked="" type="radio"/> Sampling frame <input type="radio"/> Cluster	
<b>Q9.</b> 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 type="radio"/> Research hypothesis			<input checked="" type="radio"/> Research proposal <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))

**Q11.** Explain the scope of research.

Marks CO BL  
4 1 1

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

6 1 2

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

**(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))

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

Marks CO BL  
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))

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

Marks CO BL  
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**

<b>Rubric</b>	<b>Marks</b>
Define research report. - 2 Marks Explain various components of a research report. - 3 Marks	5

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