

M. COM DEGREE END SEMESTER EXAMINATION: NOVEMBER 2023**SEMESTER 1 : COMMERCE****COURSE : 21P1COMT04 : RESEARCH METHODOLOGY***(For Regular 2023 Admission and Improvement / Supplementary 2022/ 2021 Admission)*

Duration : Three Hours

Max. Weights: 30

PART A**Answer any 8 questions****Weight: 1**

1. What do you mean by Research Proposal? (U, CO 4)
2. What is meant by Cluster Sampling? (U, CO 3)
3. What is a Diagnostic Design? (U, CO 2)
4. Give the meaning of Structured Interview. (U, CO 4)
5. What do you mean by Explanatory Research? (U, CO 1)
6. What do you mean by Dichotomous Variable? (U, CO 2)
7. What do you mean by MLA style of reference? (U, CO 5)
8. What do you mean by Plagiarism? (U, CO 5)
9. What is a sampling design? (U, CO 3)
10. What is meant by Secondary Data? (U, CO

4)

(1 x 8 = 8)**PART B****Answer any 6 questions****Weights: 2**

11. What do you mean by hypothesis? What are the difficulties in the formulation of Hypothesis? (An, CO 2)
12. What are the various scaling techniques? (A, CO 4)
13. Distinguish between Social Science Research and Natural Science Research. (U, CO 1)
14. What is the role of computers in Data Analysis? How the data analysis is to be made in SPSS? (A, CO 5)
15. What are the contents of a technical report? (An, CO 6)
16. Explain sampling and non sampling errors. (An, CO 3)
17. What are the objectives of research designs? (E, CO 2)
18. What do you mean by a questionnaire method? What are the disadvantages of a questionnaire method? (An, CO 4)

(2 x 6 = 12)**PART C****Answer any 2 questions****Weights: 5**

19. Define census survey. What are its advantages and disadvantages? (An, CO 3)
20. The following data shows the Maximum and Minimum temperature on a certain day at 10 important cities located throughout India.

Max Temp.	29	23	25	15	27	29	24	31	32	35
Min Temp.	8	3	7	5	8	19	10	7	5	8

(Cr, CO 5)

1. Fit a regression line of X on Y and Y on X.
2. Estimate the Max. Temp. When the Mini. Temp is 12.
3. Estimate the Mini. Temp When the Max. Temp is 40.

21. What is a research problem? What are the main issues in formulating a research problem? (E, CO 2)

22. Discuss the various kinds of observation. (An, CO 4)
(5 x 2 = 10)

OBE: Questions to Course Outcome Mapping

CO	Course Outcome Description	CL	Questions	Total Wt.
CO 1	Enumerate basic research methodology concepts and steps in research	U	5, 13	3
CO 2	Understand research problem, research design, related terminologies apart from familiarizing research hypothesis and research proposal	U	3, 6, 11, 17, 21	11
CO 3	Comprehend various methods of sampling and sampling techniques	An	2, 9, 16, 19	9
CO 4	Enhancement of knowledge in data collection, analysis and interpretations	U	1, 4, 10, 12, 18, 22	12
CO 5	Acquire knowledge for the successful application of computers in research and related areas	An	7, 8, 14, 20	9
CO 6	Formulate and generate research reports in a logical and scientific manner	An	15	2

Cognitive Level (CL): Cr - CREATE; E - EVALUATE; An - ANALYZE; A - APPLY; U - UNDERSTAND; R - REMEMBER;