K25P 1923

Reg. No. : .....

Name : .....

II Semester M.Com. Degree (CBCSS – OBE – Reg./Supple./Imp.) Examination, April 2025
(2023 and 2024 Admissions)
CMCOM 02C06 : RESEARCH METHODOLOGY

Time : 3 Hours Max. Marks : 60

PART – A

Answer **any five** questions in this Part. **Each** question carries **3** marks.

1. Define Data in Research and state its types.
2. What is the significance of formulating the hypothesis in research work ?
3. Explain the significance of primary data. What are the limitations of primary data ?
4. What are the characteristics of a research ? Explain how quantitative researches differ from qualitative research.
5. Distinguish between parametric test and non-parametric test in research.
6. Define Research Design. Explain the need and features of a good design.

(5×3=15)

PART – B

Answer **any three** questions in this Part. **Each** question carries **5** marks.

7. Discuss the merits and demerits of probability Sampling in Research.
8. Define research problem and explain the techniques involved in defining a research problem.

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9. Explain the basic concept of sampling. How do you determine the sample size of a research study ?

10. What is data processing ? Explain the different steps involved in data processing in research.

11. Discuss the various data collection techniques in Social Science research.

(3×5=15)

PART – C

Answer **any three** questions in this Part. **Each** question carries **10** marks.

12. Define research report and explain various components of research report.

13. What is a questionnaire ? Explain the process of construction of a questionnaire in research.

14. Discuss the term hypothesis and explain how to test hypothesis in research.

15. In certain food experiment to compare two types of baby foods A and B, the following results of increase in weight (kgs) we observed in 8 children as follows :

Food A(x)	49	53	51	52	47	50	52	53
Food B (y)	52	55	52	53	50	54	54	53

Examine the significance of increase in weight of children due to food B.

16. A teacher claims that the mean score of students in his class is greater than 82 with a standard deviation of 20. If a sample of 81 students was selected with a mean score of 90 then check if there is enough evidence to support this claim at a 0.05 significance level.

(3×10=30)