DECEMBER 2023 **P/ID 36623/PSO1C**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What is social research?

2. Define the term research problem.

3. Furnish any two characteristics of scientific research.

4. What is research hypothesis?

5. Define descriptive research design.

6. What is sampling in research?

7. What is simple random sampling?

8. State any two merits of non-probability sampling technique.

9. What is coding in data analysis?

10. What is report writing?

11. Define mean.

12. Define standard deviation.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Write a note on the importance of research objectives.

14. Explain the relationship between theory and fact.

15. Describe the types of hypotheses.

16. Distinguish between probability and non-probability sampling techniques.

17. Explain snow ball sampling technique.

18. Discuss research interpretation in data analysis.

19. Highlight the scope of statistics in research.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Write an essay on nature and scope of social research.

21. Elucidate the role of theory in narrowing the range of facts.

22. Give a detailed account on the tools of data collection in research.

23. Elaborate the significance of graphic representation.

24. Calculate the Mean and Median from the following data:

Age group	40-49	50-59	60-69	70-79	80-89	90-99
Frequency	6	8	12	14	7	3