NOVEMBER 2023

66513/MEB2B

Time: Three hours

Maximum: 75 marks

PART A — $(10 \times 1 = 10 \text{ marks})$

Answer any TEN questions each in 50 words.

- 1. Define qualitative research.
- 2. What do you mean by experimental designs?
- 3. What is meant by structured questionnaire?
- 4. Define cross-sectional design.
- 5. Mention the types of sampling.
- 6. What do you mean by action research?
- 7. Define research design.
- 8. What do you mean by central tendency?
- 9. Mention the types of correlation.
- 10. Define statistics.
- 11. What do you mean by t-test?
- 12. Define sample size.

PART B — $(5 \times 5 = 25 \text{ marks})$

Answer any FIVE questions in 200 words each.

- 13. Write a short note on problem and criterion of problem.
- 14. Briefly describe about objectives of research.
- 15. Describe in brief about focus groups.
- 16. Write a short note on measures of central tendency.
- 17. Briefly describe about cross-sectional studies.
- 18. Write a short note on variables
- 19. Differentiate between experimental and non-experimental research.

PART C —
$$(4 \times 10 = 40 \text{ marks})$$

Answer any FOUR questions in 500 words each.

- 20. Elaborate on ANOVA.
- 21. Write in detail about factorial design.
- 22. Enumerate on sampling.
- 23. Explain in detail about qualitative and quantitative research.

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- 24. Write in detail about the advantages and limitations of survey research.
- 25. Elaborate on single subject study design and longitudinal study design.

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