

M.A. DEGREE EXAMINATION, APRIL 2019
I Year II Semester
Research Methods

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Define Research.
2. Define research design.
3. What do you mean by sampling design?
4. List the advantages of random sampling.
5. What does survey means?
6. What do you mean by schedule?
7. What is multivariate analysis?
8. Give an example of hypothesis testing.
9. Define report.
10. What is bibliography?
11. List the techniques of univariate analysis.
12. What is tabulation?

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Describe the nature of research.
14. Differentiate between random and non-random sampling techniques.
15. Explain the steps to construct a questionnaire.
16. Highlight the importance of scaling.
17. List the importance of report writing.
18. Explain the types of hypothesis.
19. Calculate Correlation

X	6	8	12	15	18	20	24	28	31
Y	10	12	15	15	18	25	22	26	38

Section C ($3 \times 10 = 30$) Marks**PART - A - Case Study - Compulsory Question**

20. Prepare a structured questionnaire to analyse the various investment opportunities of retail investors in India.

PART - B

Answer any **TWO** questions

21. Discuss in detail the research process.
22. What are the elements of hypothesis testing? Explain the procedure in hypothesis testing.
23. Calculate mean, median and mode for the following.
- | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| Class Interval | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 | 35-40 | 40-45 |
| Frequency | 8 | 14 | 18 | 25 | 15 | 14 | 6 |
24. Explain the stages involved in report presentation.

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