**DECEMBER 2023** **P/ID 77926/RMB1B**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions each in 50 words.

1. What is Binomial Distribution?
2. Give an example for Maximin Criterion Decision.
3. Define Descriptive Research.
4. Specify the role of Survey in research.
5. How to determine Sample Size for a known Population?
6. When a Researcher might opt for Judgement Sampling?
7. Define Alternative Hypothesis.
8. What is Multidimensional Scaling?
9. What is a good p-value while using ANOVA?
10. Name any Two Statistical Data Analysis Tool applied in Research.
11. Give an example for APA Referencing Style.
12. Define Executive Summary.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Interpret the Properties of Poisson Distribution.

14. State the Advantages of Decision Tree.

15. Classify the Types of Variables in Research.

16. Identify the ways to assess Reliability in Research.

17. Show the Purpose of Coding in Qualitative Research.

18. Infer the Assumptions of Factor Analysis.

19. Bring out the Steps involved in framing a good Title for a Report.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions each in 500 words.

20. Elucidate Normal Distribution and its Application in Business.

21. Elaborate the different Methods of Data Collection.

22. Appraise the Types of Parametric Tests in Research.

23. How to Apply Multiple Linear Regression in House Price Prediction? Illustrate.

24. Describe the Components of a Research Report.

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