DECEMBER 2023 **P/ID 36813/PJO3N**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. Precision Journalism
2. Descriptive Statistics
3. Data Cleaning
4. Continuous Frequency
5. Continuous variables
6. Central Tendency
7. Variance
8. Linear correlation
9. Rank order method
10. Social Math
11. Infographics
12. Reproducibility

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. What are descriptive and inferential statistical methods, and how can journalists use them in their reporting?

14. How do frequency distributions help us understand data sets?

15. What is normalization, and how does it relate to z-scores in statistics?

16. What are confidence level and interval, and how are they used in statistical inference?

17. What are measures of association and how do they differ from measures of central tendency?

18. What is the t-test used for?

19. What are some tools for creating data visualizations?

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Describe the various data sources available for journalists and their importance.

21. Describe the role of Cross Tabulation in analyzing, relationships between variables in a dataset.

22. Explain the process of using JASP or SPSS for computing Descriptive Statistics, including measures of Central Tendency and Dispersion.

23. Describe the situations when Parametric and Non-parametric techniques are used.

24. Discuss the importance of assessing and reporting public opinion polls accurately and ethically.

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