MAY 2025 **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. Data Journalism
3. Spreadsheets
4. Frequency Distributions
5. Bar Graph
6. Cross Tabulation
7. Measures of Dispersion
8. Standard Deviation
9. Correlation Types
10. Hypothesis Testing
11. Data Visualization
12. Infographics

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. How does computer-assisted reporting enhance news accuracy?

14. Discuss the role of coding in data preparation for journalism.

15. Explain the importance of measures of central tendency in data analysis.

16. How does Pearson correlation measure associations in datasets?

17. What are the challenges of writing data-driven news stories?

18. What are descriptive statistics used for in reporting?

19. What is JASP used for in journalism and its benefits?

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Evaluate the importance of statistics in modern news reporting.

21. Analyze the effectiveness of graphical representations in data journalism.

22. Discuss the role of standard deviation in interpreting data variability.

23. Explore the significance of ANOVA in testing group differences.

24. Assess the impact of data visualization tools on storytelling.

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