MAY 2024 **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. Data Journalism visualization.
2. Spreadsheets
3. Discrete Data
4. Cross Tabulation
5. Skewed distribution
6. Standard Deviation
7. Mean
8. Positive Correlation
9. Non-parametric Technique
10. Chi test
11. Public Opinion Polls
12. Data visualization tools

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions in 250 words each.

13. Define Computer-Assisted Reporting.

14. What is Data Cleaning?

15. What is a normal distribution, and why is it important in statistics?

16. How do measures of dispersion help us understand the spread of data around the central tendency?

17. What is the logic behind simple and multiple regression analysis?

18. What is social math and how can it be used in journalism?

19. How can infographics be used to tell stories with data?

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions in 500 words each.

20. Elaborate on the different types of data analysis reporters can perform.

21. Explain the different graphical representations used to display data, such as Bar Graphs, Histograms, and Pie Charts.

22. Describe the concept of Probabilistic Thinking and its relevance in statistical analysis.

23. Discuss the different types of correlation and how they can be used to understand relationship between variables.

24. Explain the guidelines for writing data-driven news stories and the role of disclosure standards and transparent process documentation.

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