

CBSE Class 10 Data Science Question Paper 2026 Memory Based

Time Allowed :3 Hours	Maximum Marks :80	Total Questions :38
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General Instructions

1. Please check that this question paper contains 23 printed pages.
2. Q.P. Code given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
3. Please check that this question paper contains 37 questions.
4. 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the candidates will read the question paper only and will not write any answer on the answer-book during this period.

1. Which Python library is primarily used for Data Manipulation and Data Frames?

2. Identify the process of dividing a dataset into 100 equal parts.

3. Name the type of join used to combine rows from two tables based on a related column between them.

4. In a dataset, if the mean is significantly higher than the median, what does it indicate about the distribution?

5. Define Encryption in the context of data security.

6. State whether Selection Bias occurs during data collection or during model deployment.

7. Which of the following best differentiates Structured and Unstructured data?

8. Why is the Median considered a more robust measure of central tendency than the Mean when outliers are present?

9. Explain the concept of the Central Limit Theorem and its significance in data analysis.

10. What is Data Merging? Mention one scenario where it is required.

11. Which of the following represents the correct sequence of the four steps of the Statistical Problem-Solving Process?

12. Which of the following best defines and explains Recall Bias and Survivor Bias?

13. Compare CSV, Spreadsheets, and SQL as data storage formats. Which one is definitively best for handling massive, interrelated datasets?
