Step Academy official

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STUDENT NAME	
PAPER CODE	66210
TIME ALLOWED	40
Paper Date	11-02-2026

CLASS	New 1st Year (FSC/ICS)
SUBJECT	Computer
TOTAL MARKS	25
Paper Type	

Q1. **Choose the correct answer.** 5X1=5

1. Which of the following describes the mode?

(A) The average of all numbers **(B)** The most frequently occurring value **(C)** The middle value in a dataset **(D)** The difference between the highest and lowest values

2. Which measure of central tendency is best used for a skewed dataset?

(A) Mode **(B)** Median **(C)** Mean **(D)** None of the above

3. If the standard deviation of a dataset is 0, what does it imply?

(A) All data points are the same **(B)** There is high variability in the data **(C)** The mean is zero **(D)** The dataset contains negative values

4. The activity involved in experimental design in data science:

(A) Creating visualizations **(B)** Collecting and analyzing data systematically **(C)** Writing code for machine learning **(D)** Building databases

5. What is imputation in data handling?

(A) Deleting all data **(B)** Estimating and filling missing values **(C)** Collecting new surveys **(D)** Sorting the data alphabetically

Q2. **Write short answers of the following questions.** 5X2=10

1 . What does a high standard deviation indicate?

2 . How do experiments help in data collection?

3 . What is meant by handling missing data?

4 . What is data visualization?

5 . What is data visualization?

Q3. **Write detailed answers of the following questions.** 2X5=10

1 . Explain data collection methods.

2 . Discuss the concept of measure of tendency with example.