# Unit 1 Orals

Q: What is Data Analytics? A: It is the practice of examining datasets using statistical and computational methods to discover patterns and support decisions.

Q: Name the four main types of Data Analytics. A: Descriptive, Diagnostic, Predictive and Prescriptive analytics.

Q: Why is data quality important? A: Poor data quality can lead to incorrect conclusions; ensuring accuracy and completeness improves reliability.

Q: Define the term sampling. A: Sampling is selecting a subset of a population to make inferences about the whole population.

Q: What is the mean of the dataset {2,4,6,8}? A: The mean is (2+4+6+8)/4 = 5.