

Name:

Grade: Sec: Date:

Subject : Artificial Intelligence**Topic: U4_Data Literacy**

Q.No	Section A: Multiple Choice Questions (4 × 1 = 4 Marks)	Marks
1.	What is the first stage in the Data Pyramid? a) Information b) Knowledge c) Data d) Wisdom	1
2.	Which of the following is an example of Quantitative Data? a) A customer review stating "The service was excellent!" b) A list of cities where a product is sold c) The total sales figures of a company in a year d) A description of a product's features	1
3.	What does Data Security primarily focus on? a) Handling sensitive data properly b) Protecting digital information from unauthorized access c) Managing user preferences for data collection d) Sharing data with third-party platforms	1
4.	Why is it important to verify data sources before using them? a) To avoid misinformation and biased interpretations b) To increase the volume of data collected c) To make data analysis more complex d) To ensure data privacy is ignored	1
Section B: Short Answer Questions (6 × 2 = 12 Marks)		
5	Define Data Literacy and explain its importance with an example.	2
6	Differentiate between Data Privacy and Data Security.	2
7	Explain the difference between Primary Data Sources and Secondary Data Sources with examples.	2
8	What are the three key factors that determine the usability of data?	2
9	Describe two best practices to protect data privacy.	2
10	Explain how Data Visualization helps in understanding large datasets.	2
Section C: Long Answer Question (1 × 4 = 4 Marks)		
11	Scenario-Based Question: You are researching the most popular smartphone brand among students in your school. Describe the steps you would take to acquire, process, and interpret this data. Mention any ethical concerns you need to consider while collecting the data.	4