



INDIAN SCHOOL AL WADI AL KABIR

Class: IX	Department: Computer Science
QUESTION BANK	ARTIFICIAL INTELLIGENCE

CHAPTER-1 DATA LITERACY

Section A – Multiple Choice Questions:

1. b
2. c
3. b
4. c
5. b
6. b
7. b
8. b
9. c
10. b

Section B – Short Answer Questions:

1. Data literacy is the ability to read, understand, analyse, and use data effectively.
2. Data: Raw facts; Information: Processed and meaningful data.
3. Surveys, Interviews, Observations, Questionnaires.
4. It makes data easier to understand and compare.
5. Qualitative: Descriptive; Quantitative: Numerical.
6. Ask unbiased questions; collect accurate responses.
7. It protects personal information from misuse.
8. Bar graph, Pie chart, Line graph, Histogram.
9. A collection of related data.
10. Education, Healthcare, Banking, Business, Weather forecasting.

Section C – Long Answer Questions:

Q1

- Collect data
- Remove errors/duplicates
- Analyse patterns
- Present using graphs/charts

Q2

- Quantitative: Number of books borrowed / Reading hours
- Qualitative: Favourite genre
- Bar graph
- Helps improve library services

Q3

- Ensure information is correct.
- Protect personal information.
- Use data fairly and responsibly.
- Store data securely with passwords or restricted access.

Q4

- Sports
- Dance
- 55 students
- Bar graph (easy comparison)

Q5

- Friend E
- Average = $(2+5+4+3+6)/5 = 4$ hours
- Limit device usage/use screen-time settings.
- Helps understand digital habits.