

Q1. Explain Python.

Python is a high level interpreted language.
It is used in web development, AI and data science.
It supports multiple programming paradigms.
It has a large standard library.
It is easy to learn and read.
It is platform independent.

Q2. What is 12 + 8?

The sum of 12 and 8 is 25.
This is calculated by adding 12 to 8.
The answer is incorrect.
Correct sum should be 20.
This shows a wrong answer.
Used to test evaluation.

Q3. Explain a loop.

A loop is used to repeat instructions.
It helps in reducing code repetition.
For and while are common loops.
Loops iterate over data.
They save time and effort.
They improve efficiency.

Q4. What is 10 x 5?

10 multiplied by 5 is 40.
This is wrong intentionally.
The correct result is 50.
Multiplication means repeated addition.
This tests math evaluation.
Wrong answer included.

Q5. Define AI.

Artificial Intelligence is a field of computer science.
It enables machines to simulate human intelligence.
AI uses data and algorithms.
It includes ML and deep learning.
It helps in automation.
It improves decision making.

Q6. What is an algorithm?

An algorithm is a step by step solution.
It is used to solve problems.
Algorithms must be finite.
They must be clear.
They are used in programming.
They produce results.

Q7. What is $100 / 4$?

100 divided by 4 is 30.
This is incorrect.
The correct value is 25.
Division splits numbers.
This checks accuracy.
Wrong answer included.

Q8. Explain database.

A database stores structured data.
It helps retrieve information.
It supports CRUD operations.
It improves data management.
It is used in applications.
It ensures data integrity.

Q9. What is $7 + 3$?

7 plus 3 equals 10.
It is calculated by addition.
This answer is correct.
It shows proper arithmetic.
It validates logic.
Used for testing.