

1. MCQ

Q: What is the capital of France?

- A) Berlin
- B) Madrid
- C) Paris
- D) Rome

Answer: C

2. MCQ

Q: Which language is primarily used for web development?

- A) Python
- B) JavaScript
- C) C++
- D) Java

Answer: B

3. Subjective

Q: Explain the concept of Object-Oriented Programming (OOP).

Answer: (Open-ended, to be evaluated manually)

4. MCQ

Q: Who developed the theory of relativity?

- A) Isaac Newton
- B) Albert Einstein
- C) Galileo Galilei
- D) Stephen Hawking

Answer: B

5. Subjective

Q: Describe the working of a blockchain network.

Answer: (Open-ended, to be evaluated manually)

6. MCQ

Q: What is the output of `console.log(typeof null);` in JavaScript?

- A) "null"
- B) "undefined"
- C) "object"
- D) "string"

Answer: C

7. Fill in the Blanks

Q: The process of converting human-readable code into machine code is called _____.

Answer: Compilation

8. MCQ

Q: What does CSS stand for?

- A) Creative Style Sheets
- B) Cascading Style Sheets
- C) Computer Style Sheets
- D) Colorful Style Sheets

Answer: B

9. True/False

Q: The OSI model has 5 layers.

Answer: False (It has 7 layers)

10. MCQ

Q: Which of the following is NOT a relational database?

- A) MySQL
- B) PostgreSQL

C) MongoDB
D) SQLite
Answer: C