

C++ Classes and Objects — MCQ Worksheet

Marks: 10

Choose the correct answer. Each question carries 1 mark.

Questions

1. What is a class in C++?

- A. An object
- B. A blueprint for creating objects
- C. A variable
- D. A loop

Answer: B

2. An object is:

- A. A function
- B. An instance of a class
- C. A keyword
- D. An operator

Answer: B

3. Which keyword is used to define a class?

- A. object
- B. define
- C. class
- D. Class

Answer: C

4. What is the default access specifier in a C++ class?

- A. public
- B. private
- C. protected
- D. friend

Answer: B

5. Which operator is used to access an object's members?

- A. ::
- B. ->
- C. .
- D. &

Answer: C

6. Which is the correct way to create an object of class Student ?

- A. object Student;
- B. Student s;
- C. class Student;

D. `Student();`

Answer: B

7. Which access specifier allows members to be accessed outside the class?

A. `private`

B. `protected`

C. `public`

D. `internal`

Answer: C

8. A function declared inside a class is called a:

A. Member function

B. Global function

C. Header function

D. Main function

Answer: A

9. How many objects can be created from a single class?

A. Only one

B. Only two

C. Maximum ten

D. Any number

Answer: D

10. Which concept combines data and functions into a single unit?

A. Inheritance

B. Encapsulation

C. Polymorphism

D. Compilation

Answer: B