

**Question 1: What is the purpose of a constructor in a Java class?**

**Options:**

- a) To create a new method in the class.
- b) To initialize an object when it is created.
- c) To inherit fields and methods from a parent class.
- d) To implement an interface.

**Question 2: Which of the following statements about Java classes is true?**

**Options:**

- a) A Java class can only have one constructor.
- b) A class can have multiple methods with the same name if they have different parameters.
- c) You cannot create an object of a class without defining a constructor.
- d) Fields in a class cannot be private.

**Question 3: How can you prevent a class in Java from being extended?**

**Options:**

- a) By using the private access modifier.
- b) By using the final keyword.
- c) By using the abstract keyword.
- d) By not defining a constructor.

**Question 4: Which of the following is NOT a valid access modifier in Java?**

**Options:**

- a) public
- b) protected
- c) internal
- d) private

**Question 5: Which keyword is used to refer to the current instance of a class?**

**Options:**

- a) this
- b) super
- c) self
- d) current

**Question 6: Which of the following correctly declares a class in Java?**

**Options:**

- a) class MyClass { }
- b) MyClass class { }
- c) public MyClass() { }
- d) void class MyClass { }