What is the difference between an abstract class and an interface?
A. An abstract class can have implemented methods
B. An interface can have private methods
C. An interface can be instantiated
D. Both are the same

What is the correct way to create a nested class in Java?
A. class Outer { class Inner {} }
B. class Outer class Inner {}
C. class Outer { static Inner {} }
D. class Inner { class Outer {} }

What is a static class in Java?
A. A class that cannot be instantiated
B. A class that belongs to a static method
C. A class with only static methods
D. A class that does not require object creation

Which of the following is true about inner classes in Java?
A. They can access members of the outer class
B. They cannot be instantiated directly
C. They must be static
D. They cannot have methods

In the context of inner classes, which of the following is true?
A. Non-static inner classes can access the outer class's non-static members
B. Non-static inner classes cannot access static members of the outer class
C. Static inner classes must be instantiated using the outer class instance
D. Non-static inner classes can only access private members of the outer class

What is the primary purpose of the 'default' keyword in Java interfaces?
A. To allow methods with a default implementation
B. To prevent methods from being overridden
C. To make methods private
D. To declare static methods