

## Java MCQs - 7

Topics : [JAVA](#)

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61. What is the output of the following code?

```
String str = "Hello, World!";  
System.out.println(str.indexOf("o"));
```

- A) 5
- B) 7
- C) 4
- D) Compiler error

**Answer: A) 4**

62. In Java, which keyword is used to define a constant?

- A) static
- B) final
- C) const
- D) constant

**Answer: B) final**

63. What is the output of the following code?

```
System.out.println(10 == 10.0);
```

- A) true
- B) false
- C) Compiler error
- D) Runtime error

**Answer: A) true**

64. Which of the following statements about Java enums is true?

- A) Enums cannot have constructors.
- B) Enums cannot implement interfaces.
- C) Enums can have methods and fields.
- D) Enums cannot have constants.

**Answer: C) Enums can have methods and fields.**

65. What is the output of the following code?

```
int x = 5;  
System.out.println(x > 2 ? "Yes" : "No");
```

- A) Yes
- B) No
- C) true
- D) false

**Answer: A) Yes**

66. Which of the following statements about Java generics is true?

- A) Generics allow you to create classes that can work with any data type.
- B) Generics are only applicable to primitive data types.
- C) Generics are a way to achieve multiple inheritance in Java.
- D) Generics provide type safety by allowing you to specify the data types of objects that a class can work with.

**Answer: D) Generics provide type safety by allowing you to specify the data types of objects that a class can work with.**

67. What is the output of the following code?

```
System.out.println("Hello".toUpperCase());
```

- A) hello
- B) HELLO
- C) Compiler error
- D) Runtime error

**Answer: B) HELLO**

68. Which of the following is NOT a valid method defined in the Object class in Java?

- A) equals()
- B) hashCode()
- C) compareTo()
- D) toString()

**Answer: C) compareTo()**

69. What is the output of the following code?

```
String str = "Hello";  
str.replace('l', 'w');  
System.out.println(str);
```

- A) Hellow
- B) Hello
- C) Hewwo
- D) Compiler error

**Answer: B) Hello**

Explanation: The `replace()` method returns a new string with the specified characters replaced, but it does not modify the original string.

70. Which of the following statements about Java IO streams is true?

- A) Java IO streams are only used for network communication.
- B) Java IO streams support only character-based input/output.
- C) Java IO streams can be classified into two types: byte streams and character streams.
- D) Java IO streams are only used for reading data and not for writing.

**Answer: C) Java IO streams can be classified into two types: byte streams and character streams.**

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