

## Java MCQs - 9

Topics : [JAVA](#)

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81. What is the output of the following code?

```
String str = "Java"; str.concat(" Programming"); System.out.println(str);
```

- A) Java Programming
- B) Java
- C) Programming
- D) Compiler error

**Answer: B) Java**

Explanation: The `concat()` method returns a new string and does not modify the original string.

82. Which of the following is true about the `ArrayList` class in Java?

- A) It is a synchronized collection.
- B) It can store only primitive data types.
- C) It allows duplicate elements.
- D) It is a resizable array.

**Answer: D) It is a resizable array.**

83. What is the output of the following code?

```
System.out.println(10 / 3);
```

- A) 3
- B) 3.33
- C) 3.0
- D) 3.333

**Answer: C) 3.0**

84. In Java, which of the following is NOT a valid access modifier?

- A) private
- B) package-private
- C) internal
- D) protected

**Answer: C) internal**

85. What is the output of the following code?

```
String str = "Hello";  
System.out.println(str.indexOf("l"));
```

- A) 0
- B) 2
- C) 3
- D) Compiler error

**Answer: B) 2**

86. Which of the following statements about Java arrays is true?

- A) Arrays can store elements of different data types.
- B) The size of an array can be changed dynamically.
- C) Arrays in Java are objects.
- D) Arrays can be initialized using a loop.

**Answer: C) Arrays in Java are objects.**

87. What is the output of the following code?

```
System.out.println("Java".length());
```

- A) 5
- B) 4
- C) 1
- D) Compiler error

**Answer: A) 4**

88. Which of the following statements about Java threads is true?

- A) Threads are independent of each other.
- B) A thread can be restarted after it is stopped.
- C) Threads always have the same priority.
- D) Threads cannot communicate with each other.

**Answer: B) A thread can be restarted after it is stopped.**

89. What is the output of the following code?

```
String str = "Hello";  
System.out.println(str.toLowerCase());
```

- A) HELLO
- B) Hello
- C) hello

D) Compiler error

**Answer: C) hello**

90. Which of the following is true about Java HashSet?

- A) It allows duplicate elements.
- B) Elements in a HashSet are ordered.
- C) It is synchronized.
- D) It does not allow null elements.

**Answer: D) It does not allow null elements.**

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