

```
Q> String str = " ";
    str.trim();
    System.out.println(str.equals("") + " " + str.isEmpty());
```

What is the result?

- A. true false
- B. true true
- C. false true
- D. false false

Answer: D(becoz of immutable)

```
Q> String s = "SACHIN TENDULKAR";
    int len= s.trim().length();
    System.out.println(len);
```

What is the result?

- A. 10
- B. 9
- C. 8
- D. compilation fails
- E. None of the above

Answer: E(16 is the length)

```
Q> String s= "Hello world";
    s.trim();
    int i = s.indexOf(" ");
    System.out.println(i);
```

What is the result?

- A. Exception at runtime
- B. -1
- C. 5
- D. 0

Answer: C

```
Q> String s1= "Java";
    String s2=new String("java");
    //line-1
    {
        System.out.println("equal");
    }else{
        System.out.println("not equal")
    }
```

To print equal which code fragment should be inserted?

- A. String s1=s2;
 if(s1==s2)
- B. if(s1.equalsIgnoreCase(s2))
- C. String s3= s2;
 if(s3.equalsIgnoreCase(s2))
- D. if(s1.toLowerCase() == s2.toLowerCase())

Answer: A, B, C

```
Q> System.out.print("" == "");
    System.out.print(" ");
```

```
System.out.print("A=="A");
System.out.print("a==A");
```

- A. == A=A a=A
- B. compile time error
- C. true true a==A
- d. false true true
- E. true true false
- F. None of the above

Answer: C

What will be the result of compiling and executing Test class?

```
public class Test {
    public static void main(String[] args) {
        String str = "Java Rocks!";
        System.out.println(str.length() + " : " + str.charAt(10));
    }
}
```

- A. 11:!
- B. Exception is thrown at RunTime
- C. 11:s
- D. CompilationError

Answer: A

What will be the result of compiling and executing Test class?

```
public class Test {
    public static void main(String[] args) {
        String s1 = "0cA";
        String s2 = "oCa";
        System.out.println(s1.equals(s2));
    }
}
```

- A. true
- B. false
- C. compilation error
- D. None of the above

Answer: B

What will be the result of compiling and executing Test class?

```
public class Test {
    public static void main(String[] args) {
        String fName = "James";
        String lName = "Gosling";
        System.out.println(fName = lName);
    }
}
```

- A. CompilationError
- B. true
- C. false
- D. None of the above

Answer: D(Gosling will be printed)

What will be the result of compiling and executing Test class?

```
public class Test {
```

```

public static void main(String[] args) {
    String str = "Good"; //Line 3
    change(str); //Line 4
    System.out.println(str); //Line 5
}

```

```

private static void change(String s) {
    s.concat("_Morning"); //Line 9
}

```

- A. Good
 B. _Morning
 C. Good_Morning
 D. None of the above

Answer: A

What will be the result of compiling and executing Test class?

```

public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder("Good"); //Line 3
        change(sb); //Line 4
        System.out.println(sb); //Line 5
    }

```

```

private static void change(StringBuilder s) {
    s.append("_Morning"); //Line 9
}

```

- A. Good
 B. _Morning
 C. Good_Morning
 D. None of the above

Answer: C

Q>

What will be the result of compiling and executing Test class?

```

public class Test {
    public static void main(String[] args) {
        String str1 = new String("Core");
        String str2 = new String("CoRe");
        System.out.println(str1 = str2);
    }
}

```

- A. true
 B. false
 C. Core
 D. CoRe

Answer: D

What will be the result of compiling and executing Test class?

```

public class Test {

    public String toString() {
        return "TEST";
    }
}

```

```

        public static void main(String[] args) {
            Test obj = new Test();
            System.out.println(obj);
        }
    }

```

- A. TEST
- B. Output contains some string @ symbol
- C. Exception is thrown at runtime
- D. Compilation Error

Answer: A

Consider below code:

```

//Test.java
public class Test {
    public static void main(String[] args) {
        String s1 = "OCAJP";
        String s2 = "OCAJP" + "";//"OCAJP"
        System.out.println(s1 == s2);
    }
}

```

What will be the result of compiling and executing Test class?

- A. OCAJP
- B. true
- C. false
- D. CompilationError

Answer: B

Consider below code:

```

//Test.java
public class Test {
    public static void main(String[] args) {
        final String fName = "James";
        String lName = "Gosling";
        String name1 = fName + lName;
        String name2 = fName + "Gosling";
        String name3 = "James" + "Gosling";
        System.out.println(name1 == name2);
        System.out.println(name2 == name3);
    }
}

```

What will be the result of compiling and executing Test class?

- A. true
true
- B. true
false
- C. false
false
- D. false
true

Answer: D

