```
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(" ");
```

```java
        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?
```java
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?
```java
public class Test {
    public static void main(String[] args) {
        String s1 = "OcA";
        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?
```java
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?
```java
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";
    }
```

```java
    public static void main(String[] args) {
        Test obj = new Test();
        System.out.println(obj);
    }
}
```
A. TEST
B. Output contains some string @ symbol
C. Excpetion is thrown at runtime
D. Compilation Error

Answer: A

Consider below code:
```java
//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:
```java
//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