Consider the code of Test.java file:

D - 2

```
class Printer {
   private static int count = 0;
   private Printer() {
       count++;
   static Printer getInstance() {
       return PrinterCreator.printer;
   static class PrinterCreator {
       static Printer printer = new Printer();
   static int getCount() {
       return count;
}
public class Test {
   public static void main(String[] args) {
       Printer p1 = Printer.getInstance();
       Printer p2 = Printer.getInstance();
       Printer p3 = Printer.getInstance();
       System.out.println(Printer.getCount());
}
What will be the result of compiling and executing Test class?
A - 0
B - 3
C - 1
```

Consider the code of Test.java file:

```
class Player {
    String name;
    int age;

Player() {
        this.name = "Yuvraj";
        this.age = 36;
}

public String toString() {
        return name + ", " + age;
}

public Class getClass() {
        return super.getClass();
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

- A Text containing @ symbol
- B null, 0
- C Compilation error
- D Yuvraj, 36

Given:

What is the result of compiling and executing Initializer class?

A - java.lang. Exception<br/>ininitailizer Error

B - 9999

C - 10000

D - Compilation Error

Consider the code of Test.java file:

```
//Test.java
package com.training.ocp;

class Player {
    String name;
    int age;
    Player() {
        this.name = "Virat";
        this.age = 29;
    }

    public int hashCode() {
        return 100;
    }
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

Hexadecimal representation of 100 is 64.

Which of the following option is correct?

- A Code compiles successfully and on execution always prints "com.training.ocp.Player@64" on to the console
- B Code compiles successfully but throws an exception on executing it
- C Code doesn't compile successfully
- D None of the other options

Consider the code of Greet.java file:

```
public final class Greet {
    private String msg;
    public Greet(String msg) {
        this.msg = msg;
    }

    public String getMsg() {
        return msg;
    }

    public void setMsg(String msg) {
        this.msg = msg;
    }
}
```

Is Greet class an immutable class?

A - No

B - Yes

Consider below code:

```
//Child.java
class Parent {
    public void m() {
        System.out.println("Parent");
    }
}

public abstract class Child extends Parent { //Line 9
    public static void main(String [] args) { //Line 10
        new Parent().m(); //Line 11
    }
}
```

- A Compilation error at Line 11
- B Compilation error at Line 10
- C Parent
- D Compilation error at Line 9

Consider the code of Test.java file:

```
class Player {
   String name;
   int age;
   Player(String name, int age) {
       this.name = name;
       this.age = age;
   public String toString() {
       return name + ", " + age;
   public boolean equals(Player player) {
       if(player != null && this.name.equals(player.name)
               && this.age == player.age) {
           return true;
       return false;
   }
}
public class Test {
   public static void main(String[] args) {
       Object p1 = new Player("Sachin", 44);
       Object p2 = new Player("Sachin", 44);
       System.out.println(p1.equals(p2));
}
```

- A false
- B Compilation error in Player class
- C true
- D Compilation error in Test class

Consider the code of Test.java file:

```
class Point {
   private int x;
   private int y;
   Point(){
       Point(10, 20);
   Point(int x, int y) {
       this.x = x;
       this.y = y;
   @Override
   public String toString() {
     return "Point{" + x + ", " + y + "}";
}
public class Test {
   public static void main(String[] args) {
      Point p = new Point();
       System.out.println(p);
}
```

- A Compilation error in Test class
- B Point{0, 0}
- C Point{10, 20}
- D Compilation error in Point class

Consider the code of Test.java file:

```
abstract class Animal {
    public static void vaccinate() {
        System.out.println("Vaccinating...");
    }

    abstract void treating();
}

public class Test {
    public static void main(String[] args) {
        Animal.vaccinate();
    }
}
```

- A Compilation error in Animal class
- B Vaccinating...
- C Compilation error in Test class

Consider the code of Test.java file:

```
class Player {
    String name;
    int age;

    Player() {
        this.name = "Sachin";
        this.age = 44;
    }

    public Object toString() {
        return name + ", " + age;
    }
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

- A Compilation error
- B null, 0
- C Text containing @ symbol
- D Sachin, 44

Consider the code of Test.java file:

```
package com.training.ocp;

class Player {
    String name;
    int age;

    Player() {
        this.name = "Virat";
        this.age = 29;
    }

    public int hashcode() {
        return 100;
    }
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

Hexadecimal representation of 100 is 64.

Which of the following option is correct?

- A Code compiles successfully and on execution always prints "com.training.ocp.Player@64" on to the console
- B Code compiles successfully but throws an exception on executing it
- C None of the other options
- D Code doesn't compile successfully

Consider the code of Test.java file:

```
class Player {
    String name;
    int age;

    void Player() {
        this.name = "Virat";
        this.age = 29;
    }

    public String toString() {
        return "Name: " + this.name + ", Age: " + this.age;
    }
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

- A Name: Virat, Age: 29
- B An exception is thrown at runtime
- C Compilation error
- D Name: null, Age: 0

Consider the code of Test.java file:

```
class Calculator {
    public static void add(int x, int y) {
        System.out.println("The sum is: " + x + y);
    }
}

public class Test {
    public static void main(String[] args) {
        Calculator.add(15, 25);
    }
}
```

- A The sum is: 1525
- B Compilation error
- C The sum is: 40

Consider below code:

```
//Test.java
abstract class Animal {
   abstract void eat();
class Dog extends Animal {
   public void eat() {
       System.out.println("Dog eats biscuit.");
class Cat extends Animal {
   public void eat() {
       System.out.println("Cat eats fish.");
}
public class Test {
   public static void main(String[] args) {
       Animal [] animals = new Dog[2];
       animals[0] = new Dog();
       animals[1] = new Cat();
       animals[0].eat();
       animals[1].eat();
   }
```

- A Runtime exception
- B Dog eats biscuit.
- C Cat eats fish.
- D None of the other options.
- E Compilation error

Consider the code of Test.java file:

```
class Player {
    String name;
    int age;

    Player() {
        this.name = "Yuvraj";
        this.age = 36;
    }

    protected String toString() {
        return name + ", " + age;
    }
}

public class Test {
    public static void main(String[] args) {
        System.out.println(new Player());
    }
}
```

- A Yuvraj, 36
- B null, 0
- C Text containing @ symbol
- D Compilation error

Consider below code:

D - Runtime exception

```
class Animal {
   void eat() {
       System.out.println("Animal is eating.");
}
class Dog extends Animal {
   public void eat() {
       System.out.println("Dog is eating biscuit.");
public class Test {
   public static void main(String[] args) {
       Animal [] animals = new Dog[2];
       animals[0] = new Animal();
       animals[1] = new Dog();
       animals[0].eat();
       animals[1].eat();
   }
}
What will be the result of compiling and executing Test class?
A -
Animal is eating.
Animal is eating.
В-
Animal is eating.
Dog is eating biscuit.
C - Compilation error
```

Consider the code of Test.java file:

```
abstract class Animal {
    public static void vaccinate() {
        System.out.println("Vaccinating...");
    }

    private abstract void treating();
}

public class Test {
    public static void main(String[] args) {
        Animal.vaccinate();
    }
}
```

- A Compilation error in Test class
- B Compilation error in Animal class
- C Vaccinating...