

1) What is the Output ?

```
R.java
1 class R {
2     public static void main(String args[]) {
3         try {
4             int a, b;
5             b = 0;
6             a = 5 / b;
7             System.out.print("A");
8         } catch (ArithmeticException e) {
9             System.out.print(e);
10        }
11    }
12 }
```

2) What is the Output ?

```
R.java
1 class R {
2     public static void main(String args[]) {
3         try {
4             int a[] = { 1, 2, 3, 4, 5 };
5             for (int i = 0; i < 7; ++i) {
6                 System.out.print(a[i]);
7             }
8         } catch (ArrayIndexOutOfBoundsException e) {
9             System.out.print("0");
10        }
11    }
12 }
```

3) What is the Output ?

```
R.java
1 class R {
2     public static void main(String[] args) {
3         try {
4             System.out.println(1);
5             int i = 10 / 0;
6             System.out.println(2);
7         } catch (ArithmeticException ex) {
8             System.out.println(3);
9             System.out.println(ex.getMessage());
10            System.out.println(4);
11        }
12        System.out.println(5);
13    }
14 }
15 |
```

4) What is the Output ?

```
R.java
1 class R {
2     public static void main(String[] args) {
3         try {
4             int i;
5             return;
6         } catch (Exception e) {
7             System.out.println("inCatchBlock");
8         } finally {
9             System.out.println("inFinallyBlock");
10        }
11    }
12 }
13
```

5) What is the Output ?

```
R.java
1 class R {
2     public static void main(String[] args) throws ClassNotFoundException {
3         System.out.println(1);
4         if (true) {
5             throw new ClassNotFoundException();
6         }
7         System.out.println(2);
8     }
9 }
10
```

6) What is the Output ?

```
public class R {
    public static void main(String[] args) {
        try {
            System.out.println(1);
            String s = null;
            System.out.println(s);
            System.out.println(s.length());
            System.out.println(2);
        } catch (NullPointerException ex) {
            System.out.println(4);
            System.out.println(s);
            System.out.println(5);
        }
        System.out.println(6);
    }
}
```

7) What is the Output ?

```
1 public class R {  
2     public static void main(String[] args) {  
3         try {  
4             System.out.println(1);  
5             int i = 10 / 0;  
6             System.out.println(2);  
7         } catch (NumberFormatException ex) {  
8             System.out.println(4);  
9             System.out.println(ex.getMessage());  
10            System.out.println(5);  
11        } finally {  
12            System.out.println(6);  
13        }  
14        System.out.println(5);  
15    }  
16 }
```

8) What is the Output ?

```
R.java  
1 public class R {  
2     static int test() {  
3         try {  
4             } catch (NumberFormatException ex) {  
5                 return 20;  
6             } finally {  
7             }  
8             return 40;  
9         }  
10  
11     public static void main(String[] args) {  
12         System.out.println(1);  
13         System.out.println(test());  
14         System.out.println(2);  
15     }  
16 }  
17 }
```

9) What is the Output ?

```
R.java  
1 class R {  
2     public static int test() {  
3         try {  
4             return 0;  
5         } finally {  
6             System.out.println("Inside Finally block");  
7         }  
8     }  
9  
10     public static void main(String args[]) {  
11         System.out.println(R.test());  
12     }  
13 }
```

10) What is the output ?

```
public class R {  
    public static void main(String[] args) {  
        try {  
            System.out.println(1);  
            String s = null;  
            System.out.println(s.length());  
        }  
        System.out.println("hi");  
        catch (NullPointerException ex) {  
            System.out.println(4);  
            try {  
                int i = 23 / 0;  
            } finally {  
                System.out.println(6);  
            }  
            System.out.println(7);  
        }  
    }  
}
```

Answer Key

- 1) ArithmeticException
- 2) 123450
- 3)
1
3
/ by zero
- 4
- 5
- 4) inFinallyBlock
- 5) java.lang.ClassNotFoundException
- 6) CTE
- 7) 1 6 and exception
- 8) 1 40 2
- 9) Inside Finally block 0
- 10) CTE