**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 }
```

**4) What is the Output ?**

R.java

```
class R {
    public static void main(String[] args) {
        try {
            int i;
            return;
        } catch (Exception e) {
            System.out.println("inCatchBlock");
        } finally {
            System.out.println("inFinallyBlock");
        }
    }
}
```

**5) What is the Output ?**

R.java

```
class R {
    public static void main(String[] args) throws ClassNotFoundException {
        System.out.println(1);
        if (true) {
            throw new ClassNotFoundException();
        }
        System.out.println(2);
    }
}
```

**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 }
```

**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) ArithematciException

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