Question 15:
What will be the result of compiling and executing Test class?
```java
public class Test {
    public static void main(String[] args) {
        try {
            main(args);//infinit-call to the same main()====>
StackOverFlowError(Child of Error)
        } catch (Exception ex) {
            System.out.println("CATCH-");
        }
        System.out.println("OUT");
    }
}
```
A. CATCH-OUT
B. OUT
C. None of the System.out.println() will be executed
D. CompilationError.

Answer: C

Consider below code:
```java
public class Test {
    public static void main(String[] args) {
        StringBuilder sb = new StringBuilder();//capacity = 16
        try {
            for(;;) {
                sb.append("iNeuron");//memory in heaparea in
finite(OutOfMemoryError)==> Error class
            }
        } catch(Exception e) {
            System.out.println("Exception!!!");
        }
        System.out.println("Main ends!!!");
    }
}
```
What will be the result of compiling and executing Test class?
A. "Main ends!!!" printed on the console and program terminates succesfully.
B. "Exception!!!" and "Main ends!!!" printed on the console and program terminates
succesfully.
C. "Exception!!!" is printed on the console and program terminates succesfully.
D. "Exception!!!" is printed on the console and program terminates abnormally.
E. Program terminates abruptly.

Answer: E

Question 17:
What will be the result of compiling and executing Test class?
```java
//Test.java
import java.io.FileNotFoundException;
public class Test {
    public static void main(String[] args) {
        try {
            System.out.println(1);//Exception is not generated
        } catch (NullPointerException ex) {
            System.out.println("ONE");
        } catch (FileNotFoundException ex) {//Fully Checked Excpetion
            System.out.println("TWO");
        }
        System.out.println("THREE");
```

```
    }
}
A. ONE
   THREE
B. TWO
   THREE
C. THREE
D. None of the System.out.println() be executed
E. CompilationError
```

Answer:E

Question 18:
Consider codes of 3 java files:

```
//Class1.java
import java.io.FileNotFoundException;
public class Class1 {
    public void read() throws FileNotFoundException {}//valid
}

//Class2.java
public class Class2 {//valid
    String Class2;//valid
    public void Class2() {}//it is a normal method
}

//Class3.java
public class Class3 {//invalid
    private void print() {
        private String msg = "HELLO";//inside a method only modifier permitted is
"final"
        System.out.println(msg);
    }
}
```
Which of the following statement is true?
A. Only Class1.java compiles succesfully
B. Only Class2.java compiles succesfully
C. Only Class3.java compiles succesfully
D. Class1.java and Class2.java compiles succesfully
E. Class1.java and Class3.java compiles succesfully
F. Class2.java and Class3.java compiles succesfully

Answer: D

```
Q>
What will be the result of compiling and executing Test class?
public class Test {
    public static void main(String[] args) {
        m1(); //Line 3
    }

    private static void m1() throws Exception { //Line 6
        System.out.println("NOT THROWING ANY EXCEPTION"); //Line 7
    }
}
```
A. CompilationError at Line 3
B. CompilationError at Line 7
C. CompilationError at Line 6

D. NOT THROWING ANY EXCEPTION

Answer: A

Question 20:
Consider below code:
```java
public class Test {
    static {
        System.out.println(1/0);
    }

    public static void main(String[] args) {
        System.out.println("HELLO");
    }
}
```
On execution, does Test class print "HELLO" on to the console?
A.HELLO is printed on the console
B.NO Hello is not printed on the console

Answer: java.lang.ExcpetionInIntializerError