**Question 1**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

When a dynamic linking failure happens or a hard failure in the Java virtual machine occurs, the virtual machine throws a/an [ Error ⇕ ] ✔

**Question 2**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

[ java.lang.Object ] ✔ class is highest in hierarchy in java

[ java.lang.Throwable ] [ java.lang.Exception ] [ java.lang.Error ]

**Question 3**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Exception is a [ Class ⇕ ] ✔

**Question 4**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Which is valid about java.lang.Exceptions?

Select one or more:
☑ The class Exception and all its subclasses that are not also subclasses of RuntimeException are checked exceptions ✔
☑ The class RuntimeException and all its subclasses are unchecked exceptions ✔
☐ The class Error and all its subclasses are checked exceptions

**Question 5**

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Which of the given facts are true with respect to the blocks and order of execution of blocks in "Exceptions"?

Select one or more:
☑ Catch block has an argument which can accept an argument of any exception type and it is the name of a class that inherits from the Throwable class ✔
☑ One or more catch blocks which are exception handlers are placed immediately after the try block ✔
☐ The try block can be followed by finally block and then followed by the catch blocks
☐ The finally block is not executed when there is a return statement in the try block
☑ The finally block always executes when the try block exits or when an exception occurs ✔

## Question 6

What will happen when catch and finally block both return value?

Select one:

- ⦿ method will return value returned by finally block ✔
- ○ None
- ○ method will return value returned by catch block
- ○ finally block won't execute

## Question 7

Predict the output

```java
public class Exception1
{
        public static void main(String[] args)
        {
                System.out.println("method return -> " +m());
        }
                static String m()
                {

        try
        {
        int j= 10/0;
        }
        catch(ArithmeticException e)
        {
                return "catch";
        }
    finally
                {
                        return "finally";
                }
                        }
        }
```

Select one:

- ⦿ method return -> finally ✔
- ○ runtime exception
- ○ method return -> catch
- ○ compile time Error

## Question 8

What will be output of following program ?

```java
public class Test {
public static void main(String[] args) {
String str = null;
System.out.println((String)str);
}
}
```

Select one:

- ○ ""
- ○ str
- ⦿ NullPointerException ✔
- ○ null

## Question 9

Correct

Mark 1.00 out of 1.00

⚑ Flag question

```
84.  try {
85.  ResourceConnection con = resourceFactory.getConnection();
86.  Results r = con.query("GET INFO FROM CUSTOMER");
87.  info = r.getData();
88.  con.close();
89.  } catch (ResourceException re) {
90.  errorLog.write(re.getMessage());
91.  }
92.  return info;
```
Which statement is true if a ResourceException is thrown on line 86?

Select one:
- ⚪ The connection will not be retrieved in line 85.
- ⚪ The enclosing method will throw an exception to its caller.
- ⚪ Line 92 will not execute.
- ⦿ The resource connection will not be closed on line 88. ✔

## Question 10

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Predict the output

```java
import java.io.IOException;
public class Exception1{
        public static void main(String[] args)
        {
            try
            {
            throw new IOException();
            }
            catch(IOException | Exception ex)
            {
                System.out.println(ex + " handled ");
            }
        }
}
```

Select one:
- ⚪ program will compile
- ⚪ runtime exception
- ⦿ program won't compile ✔

## Question 11

Correct

Mark 1.00 out of 1.00

⚑ Flag question

What will be the output of the program?

```java
public class Exception1
{
    public static void main(String [] args)
    {
        try
        {
            badMethod();
            System.out.print("A");
        }
        catch (Exception ex)
        {
            System.out.print("B");
        }
        finally
        {
            System.out.print("C");
        }
        System.out.print("D");
    }
    public static void badMethod() { }
}
```

Select one:

○ BC

○ AC

◉ ACD ✔

○ ABCD

## Question 12

Correct

Mark 1.00 out of 1.00

⚑ Flag question

What will be the output of the program?

```java
public class RTExcept
{
    public static void throwit ()
    {
        System.out.print("throwit ");
        throw new RuntimeException();
    }
    public static void main(String [] args)
    {
        try
        {
            System.out.print("hello ");
            throwit();
        }
        catch (Exception re )
        {
            System.out.print("caught ");
        }
        finally
        {
            System.out.print("finally ");
        }
        System.out.println("after ");
    }
}
```

Select one:

○ hello throwit RuntimeException caught after

○ Compilation fails

◉ hello throwit caught finally after ✔

○ hello throwit caught