



# Exception Handling quiz

10 out of 10 correct

1. When does Exceptions in Java arise in code sequence?

- ☒ Run Time
- ☐ Compilation Time
- ☐ Can Occur Any Time
- ☐ None of the mentioned

**Explanation:** Exceptions in Java are run-time errors.

2. Which of these keywords is not a part of exception handling?

- ☐ try
- ☐ finally
- ☒ thrown
- ☐ catch

**Explanation:** Exceptional handling is managed via 5 keywords – try, catch, throws, throw and finally.

3. Which of these keywords must be used to handle the exception thrown by try block in some rational manner?

- ☐ try
- ☐ finally
- ☐ throw

☒ catch

**Explanation:** If an exception occurs within the try block, it is thrown and caught by the catch block for processing.

4. Which of these keywords is used to manually throw an exception?

☐ try

☐ finally

☒ throw

☐ catch

5. The class at the top of the exception class hierarchy is .....

☐ ArithmeticException

☒ Throwable

☐ Object

☐ Exception

6. Which keyword is used to explicitly throw an exception?

☐ try

☐ throwing

☐ catch

☒ throw

7. In which of the following package Exception class exist?

☐ java.util

☐ java.file

- ☐ java.io
- ☒ java.lang
- ☐ java.net

8. Exceptions generated in try block are caught in ..... block.

- ☒ catch
- ☐ throw
- ☐ throws
- ☐ finally

9. What will be the output of the following Java program?

```
class Launch
{
    public static void main(String args[])
    {
        try
        {
            System.out.print("Hello" + " " + 1 / 0);
        }
        catch(ArithmeticException e)
        {
            System.out.print("World");
        }
    }
}
```

- ☐ Hello
- ☒ World
- ☐ HelloWorld

☐ Hello World

**Explanation:** `System.out.print()` function first converts the whole parameters into a string and then prints, before "Hello" goes to output stream 1 / 0 error is encountered which is caught by catch block printing just "World".

10. What will be the output of the following Java program?

```
class Demo
{
    public static void main(String args[])
    {
        try
        {
            int a, b;
            b = 0;
            a = 5 / b;
            System.out.print("A");
        }
        catch(ArithmeticException e)
        {
            System.out.print("B");
        }
    }
}
```

☐ A

☒ B

☐ Compilation Error

☐ Runtime Error

Submit

