

ASSIGNMENT for 11 March 2022

Q.1. What kind of Checked or Unchecked exception will the following programs throw, if any?

a) Public class Test

{

public static void main (String[] args)

{
int x = 10;

int y = 0;

int z = x/y;

System.out.println(z);
}

Solution :-

Exception in thread "main" java.lang.Arithmetic
Exception : / by zero

b) Public class Test

{
public static void main (String[] args)

{
byte num;

System.out.println("Sciencetech");

num = Byte.parseByte("Easy");

System.out.println("num: " + num);
}

3 | Output :- Sciencetech

Exception in thread "main" java.lang.NumberFormatException
- For input string: "Easy"

Integer Exception occurring in this program

Q C) what will be the output of the following program when run?

```
Public Class Test
{
    Public Static Void main (String [] args)
    {
        try {
            int Value = 5;
            if (Value < 10)
                throw new RuntimeException("Value
                is less than 10");
        }
        catch (RuntimeException re) {
            System.out.println(re.getMessage());
        }
        System.out.print("Outside try-catch
        block");
    }
}
```

Output :-

Value is less than 10

Outside try-catch block