



Dashboard > Courses > School Of Engineering & Applied Sciences > B.Tech. > B.Tech. Cohort 2020-2024 > Semester-II Cohort 2020-24
> ECSE106L- Even (Group - I & Group - II) > 6 July - 12 July > Quiz - III

Started on Monday, 12 July 2021, 11:40 AM

State Finished

Completed on Monday, 12 July 2021, 11:58 AM

Time taken 18 mins

Grade 4.00 out of 10.00 (40%)



Question 1

Incorrect

Mark 0.00 out of

1.00

Predict the Output.

```
class A{
    public void setA() {
        B b = new B();
        b.setB();
        System.out.print("Bennett");
    }
}
class B{
    public void setB() {
        C c = new C();
        c.setC();
        System.out.print("University");
    }
}
class C{
    public void setC() {
        if (true)
            throw new NullPointerException();
        System.out.print("Computer");
    }
}
public class Main {
    public static void main(String args[]){
        try{
            A a = new A();
            a.setA();
        } catch (Exception ex) {
            System.out.print("Error");
        }
    }
}
```

Select one:

- ☐ a. Error
- ☐ b. Bennett
- ☐ c. Bennett University Computer
- ☒ d. Compilation Error ❌

The correct answer is: Error



Question 2

Correct

Mark 1.00 out of

1.00

1. What will be the output of following programs?

(I)

```
class Main
{
    public static void main(String args[])
    {
        try
        {
            int i, sum;
            sum = 10;
            for (i = -1; i < 3 ;++i)
                sum = (sum / i);
        }
        catch(ArithmeticException e)
        {
            System.out.print("Bennett");
        }
        System.out.print(sum);
    }
}
```

Select one:

- ☐ a. 0
- ☐ b. 3.33
- ☐ c. 10
- ☒ d. Compilation Error ✓

The correct answer is: Compilation Error



Question 3

Incorrect

Mark 0.00 out of

1.00

(II) which of the methods in the ExceptionsTest class fail to compile?

```
class ABC extends Exception {}
class XUV extends ABC {}
class Test {
    void m1() {
        try { throwA(false); throwB(true); } catch (XUV aex) {}
    }
    void m2() {
        try { throwA(true); throwB(false); } catch (ABC bex) {}
    }
    void m3() throws ABC {
        try {
            throwA(false); throwB(true);
        } catch (XUV bex) {
            throw bex;
        }
    }
    void m4() throws XUV {
        try {
            throwA(true); throwB(false);
        } catch (ABC aex) {
            throw aex;
        }
    }
    void throwA(boolean throwEx) throws ABC {
        if (throwEx) throw new ABC();
    }
    void throwB(boolean throwEx) throws XUV {
        if (throwEx) throw new XUV();
    }
}
```

Select one:

- ☒ a. All methods will Compile Successfully ❌
- ☐ b. m2
- ☐ c. m1
- ☐ d. m3

The correct answer is: m1



Question 4

Correct

Mark 1.00 out of

1.00

Predict the Output.

```
public class Main
{
    public static void main(String[] args)
    {
        try
        {
            return;
        }

        finally
        {
            System.out.println("Bennett University");
        }
    }
}
```

Select one:

- ☐ a. Unchecked Exception Raised
- ☐ b. No output
- ☒ c. Bennett University ✓
- ☐ d. Checked Exception Raised

The correct answer is: Bennett University



Question 5

Correct

Mark 1.00 out of

1.00

Predict the Output.

```
class Test
{
    public int show(String str, Integer... data) throws Exception
    {
        String sig="Bennett University";
        System.out.println(str+" "+sig);
        return 10;
    }
}
public class Main extends Test{
    public int show(String str, Integer... data)
    {
        String sig="Computer Science";
        System.out.println(str+" "+sig);
        return 20;
    }
    public static void main(String args[])
    {
        Test m = new Main();
        m.show("Greater Noida",30);
    }
}
```

Select one:

- ☒ a. Exception Raised ✓
- ☐ b. Computer Science Computer Science
- ☐ c. Bennett University Bennett University
- ☐ d. Greater Noida

The correct answer is: Exception Raised



Question 6

Incorrect

Mark 0.00 out of

1.00

Predict the Output.

```
class Test {  
    public void Show() throws Exception {  
        System.out.println("Computer Science");  
    }  
}  
class Main extends Test {  
    public void Show() {  
        System.out.println("Bennett University");  
    }  
    public static void main(String[] args) throws Exception {  
        Test f = new Main();  
        f.Show();  
    }  
}
```

Select one:

- ☐ a. Bennett University
- ☒ b. Compilation Error ❌
- ☐ c. Bennett University
Computer Science
- ☐ d. Computer Science

The correct answer is: Bennett University



Question 7

Incorrect

Mark 0.00 out of

1.00

```
class Myexception extends Exception
{
    int detail;
    Myexception(int a)
    {
        detail = a;
    }
    public String toString()
    {
        return "Bennett University";
    }
}
class Main
{
    static void compute (int a) throws Myexception
    {
        throw new Myexception(a);
    }
    public static void main(String args[])
    {
        try
        {
            compute(3);
        }
        catch(Myexception e)
        {
            System.out.print("Computer Science");
        }
    }
}
```

Select one:

- ☐ a. Compilation Error
- ☐ b. Bennett University
- ☐ c. Computer Science
- ☒ d. Bennett University Computer Science ❌

The correct answer is: Computer Science



Question 8

Incorrect

Mark 0.00 out of

1.00

Predict the Output.

```
import java.io.*;
class Main {
    public static void main(String[] args) throws IOException {
        Except e = new Except();
        e.disp();
        Except1 e1 = new Except1();
        e1.disp();
        Trial t = new Trial();
        t.disp();
    }
}
class Except {
    public void disp() throws EOFException, FileNotFoundException {
        System.out.println("Bennett University");
    }
}
class Except1 extends Except {
    public void disp() throws FileNotFoundException {
        System.out.println("Computer Science");
    }
}
class Trial extends Except {
    public void disp() throws IOException {
        System.out.println("Greater Noida");
    }
}
```

Select one:

- ☐ a. Compilation Error
- ☐ b. Computer Science
- ☒ c. Bennett University
Computer Science
Greater Noida ✖
- ☐ d. Bennett University

The correct answer is: Compilation Error



Question 9

Incorrect

Mark 0.00 out of

1.00

Predict the Output.

```
class Main
{
    public static void main(String args[])
    {
        try
        {
            int a = args.length;
            int b = 10 / a;
            System.out.print(a);
            try
            {
                if (a == 1)
                    a = a / a - a;
                if (a == 2)
                {
                    int []c = {1};
                    c[8] = 9;
                }
            }
            catch (ArrayIndexOutOfBoundsException e)
            {
                System.out.println("Bennett University");
            }
            catch (ArithmeticException e)
            {
                System.out.println("Computer Science");
            }
        }
    }
}
```

Select one:

- ☐ a. Bennett University
- ☐ b. Compilation Error
- ☐ c. 10
Computer Science
- ☒ d. Computer Science ❌

The correct answer is: Compilation Error



Question 10

Correct

Mark 1.00 out of

1.00

Predict the Output.

```
public class Main {  
    public static int a;  
    public static int b;  
    public final static int sum = 300;  
    public static void setRadius(int r) {  
        if (r / r + 1250 > 199)  
            throw new IllegalArgumentException();  
        a = r;  
        b = sum - a;  
    }  
    public static void main(String[] args) {  
        Main.setRadius(300);  
        System.out.println("Value = " + a);  
        System.out.println("Value = " + b);  
    }  
}
```

Select one:

- ☐ a. 0
300
- ☐ b. 300
200
100
- ☐ c. 3000
- ☒ d. Exception Raised ✓

The correct answer is: Exception Raised

