



Started on	Friday, 27 March 2020, 1:39 AM
State	Finished
Completed on	Friday, 27 March 2020, 1:41 AM
Time taken	1 min 20 secs
Marks	7.00/7.00
Grade	100.00 out of 100.00
Feedback	Congratulations!! You have secured more than 80%

Question 1

Correct

Mark 1.00 out of 1.00

```
class ProductNotFoundException extends Exception {
//Some code
}

class Shop {
    public void findProduct(int productId) throws ProductNotFoundException {
        //some code
        throw new ProductNotFoundException();
        //some code
    }
}

class ABCShop{
    public void findProductsList(){
        new Shop().findProduct(101);
    }
}
```

Which of the following statements are true for the above code?

Select one or more:

- ☐ a. This code will compile but returns no output
- ☒ b. This code will compile if we add a try-catch block in findProductsList(). ✓
- ☐ c. This code will compile if in method findProductsList () returns a list instead of void
- ☒ d. This code will compile if we add throws ProductNotFoundException in the signature of method findProductsList(). ✓

Your answer is correct.

The correct answers are: This code will compile if we add a try-catch block in findProductsList()., This code will compile if we add throws ProductNotFoundException in the signature of method findProductsList().

Question 2

Correct

Mark 1.00 out of 1.00

When a code needs to be executed whether or not an exception occurs, that code can be written in ____ block.

Select one:

- ☐ a. try
- ☐ b. catch
- ☒ c. finally ✓
- ☐ d. throw

Your answer is correct.

The correct answer is: finally



Correct

Mark 1.00 out of 1.00

Select one:

- ☐ a. All the above options
- ☒ b. Try with resources ✓
- ☐ c. Try with static
- ☐ d. Try with multicatch

Your answer is correct.

The correct answer is: Try with resources

Question 4

Correct

Mark 1.00 out of 1.00

Observe the code.

```
public class Sample {  
    public static void main(String args[]) {  
        int i=10,j=0,k;  
        try {  
            k=i/j;  
        }  
        catch(Exception e) {  
            System.out.println("Exception");  
        }  
        catch(ArithmeticException e) {  
            System.out.println("Arithmetic exception");  
        }  
    }  
}
```

Predict the output.

Select one:

- ☐ a. Runtime exception
- ☐ b. Exception
ArithmeticException
- ☐ c. ArithmeticException
- ☐ d. ArithmeticException
Exception
- ☒ e. Compilation Fails ✓

Your answer is correct.

The correct answer is: Compilation Fails



Correct
Mark 1.00 out
of 1.00

```
class Parent{  
    public int display(String str, int... data)throws Exception{  
        String s = "(String, int[])";  
        System.out.println("Parent "+str + " " + s);  
        return 1;  
    }  
}  
  
class Child extends Parent{  
    public int display(String str, int... data){  
        String s = "(String, int[])";  
        System.out.println("Overridden: "+ str+" " +s);  
        return 0;  
    }  
  
    public static void main(String... args) {  
        try {  
            Parent sb = new Child();  
            sb.display("Welcome", 5);  
        }  
        catch(Exception e) {  
  
        }  
    }  
}
```

Select one:

- ☐ a. Compilation fails
- ☒ b. Overridden: Welcome (String, int[]) ✓
- ☐ c. Parent Welcome (String, int[])
- ☐ d. Run time error

Your answer is correct.

The correct answer is: Overridden: Welcome (String, int[])



Correct
Mark 1.00 out
of 1.00

```
public class Sample {  
    public static void main(String args[]) {  
        try {  
            int i = 10,j=0,k=0;  
            System.out.println ("i="+i+" j="+j);  
            k = i / j;  
            System.out.println ("k=" + k);  
        }  
        catch(ArithmeticException e) {  
            System.out.println ("Divide by zero");  
        }  
        finally {  
            System.out.println ("finally block gets executed");  
        }  
    }  
}
```

Select one:

- ☐ a. i=10 j=0
Divide by zero
k=0
finally block gets executed
- ☒ b. i=10 j=0
Divide by zero
finally block gets executed ✓
- ☐ c. Divide by zero
finally block gets executed
- ☐ d. i=10 j=0
Divide by zero
finally block gets executed
k=0

Your answer is correct.

The finally block is the last block that gets executed whether or not an exception occurs

The correct answer is: i=10 j=0

Divide by zero
finally block gets executed

Question 7

Correct
Mark 1.00 out
of 1.00

An exception can be thrown explicitly by using the _____ keyword.

Select one:

- ☐ a. finally
- ☒ b. throw ✓
- ☐ c. throws
- ☐ d. catch

Your answer is correct.

The correct answer is: throw