

What is the output of the following Java code snippet?

```
class method {

    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 arr[] = new int[8];
                    arr[8] = 9;
                }

                catch (ArrayIndexOutOfBoundsException e) {
                    System.out.println("TypeA");
                }

                catch (ArithmeticException e) {
                    System.out.println("TypeB");
                }
            }
        }
    }
}
```

1. ☐ Runtime Error
2. ☐ Compilation Error
3. ☐ TypeB
4. ☐ TypeA

Incorrect

What is the output of this Java program?

```
class exception_handling {
    static void throwexception() throws ArithmeticException {
        System.out.print("0");
        throw new ArithmeticException ("Exception");
    }
    public static void main(String args[]) {
        try {
            throwexception();
        }
    }
}
```

```
    }  
    catch (ArithmeticException e) {  
        System.out.println("A");  
    }  
}  
}
```

1. ☐ None of these.
2. ☐ Exception
3. ☐ 0A
4. ☐ 0
5. ☐ A

Incorrect

3. Question

10 points

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

1. ☐ catch
2. ☐ try
3. ☐ finally
4. ☐ throw
5. ☐ None of these.

Incorrect

4. Question

10 points

Which of these operators is used to generate an instance of exception than can be thrown by using throw?

1. ☐ alloc
2. ☐ None of these.
3. ☐ thrown
4. ☐ new
5. ☐ malloc

Incorrect

5. Question

10 points

Select the best answer for the code given below?

```
class Trouble {  
    void rightHere() {  
        throw new Exception();  
    }  
}
```

```
}  
}
```

1. ☐ You cannot throw an instance of the Exception class.
2. ☐ The throw keyword is not used correctly.
3. ☐ The method rightHere() is not defined correctly.
4. ☐ None of these.

Incorrect

6. Question

10 points

What is the output of the below Java program?

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

1. ☐ Exception
2. ☐ Runtime Error
3. ☐ Compilation Error
4. ☐ None of these.
5. ☐ 3

Incorrect

7. Question

10 points

Which of these methods return description of an exception?

- 1. ☐ obtainException()
- 2. ☐ obtainDescription()
- 3. ☐ getMessage()
- 4. ☐ None of these.
- 5. ☐ getException()

Incorrect

8. Question

10 points

Which of these points will be valid If superclass method does not throw any exception?

- 1. ☐ Overridden method of sub class may not throw any exception.
- 2. ☐ All
- 3. ☐ overridden method of sub class cannot throw any checked exception.
- 4. ☐ overridden method of sub class can throw any Runtime Exception.

Incorrect

9. Question

10 points

Which of these handles the exception when no catch is used?

- 1. ☐ None of these.
- 2. ☐ finally
- 3. ☐ Default handler
- 4. ☐ throw handler
- 5. ☐ Java run-time system

Incorrect

10. Question

10 points

Which of these classes is the super class of Exception class?

- 1. ☐ System
- 2. ☐ Class
- 3. ☐ RunTime
- 4. ☐ None of these.

5. ☐ Throwable

Incorrect

11. Question

10 points

What is the output of the following Java code?

```
class exception_handling {
    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");
        }
    }
}
```

- 1. ☐ Compilation Error
- 2. ☒ B
- 3. ☐ Runtime Error
- 4. ☐ A
- 5. ☐ None of these.

Incorrect

12. Question

10 points

Which of these methods is used to print stack trace?

- 1. ☐ displayStackTrace()
- 2. ☐ obtainStackTrace()
- 3. ☐ getStackTrace()
- 4. ☒ printStackTrace()

Incorrect

13. Question

10 points

What is the output of this Java program?

```
class Myexception extends Exception {

    int detail;
    Myexception(int a) {
```

```

        detail = a;
    }

    public String toString() {
        return "detail";
    }
}

class method {
    static void compute (int a) throws Myexception {
        throw new Myexception(a);
    }

    public static void main(String args[]) {
        try {
            compute(3);
        }

        catch(DivideByZeroException e) {
            System.out.print("Exception");
        }
    }
}

```

1. ☐ None of these.
2. ☐ Compilation Error
3. ☒ Runtime Error
4. ☐ Exception
5. ☐ 3

Incorrect

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14. Question

10 points

What is the output of this Java code snippet?

```

class exception_handling {
    public static void main(String args[]) {
        try {
            int i, sum;
            sum = 10;
            for (i = -1; i < 3 ;++i) {
                sum = (sum / i);
                System.out.print(i);
            }
        }
        catch(ArithmeticException e) {
            System.out.print("0");
        }
    }
}

```

```
}  
}  
}
```

1. ☐ -101
2. ☐ None of these.
3. ☒ -10
4. ☐ 0
5. ☐ -1

Incorrect

15. Question

10 points

What is the output of the following Java code?

```
class exception_handle {  
    public static void main(String args[]) {  
        try {  
            throw new NullPointerException ("Hello");  
        }  
        catch(ArithmeticException e) {  
            System.out.print("B");  
        }  
    }  
}
```

1. ☐ Runtime Error
2. ☐ B
3. ☐ A
4. ☐ Compilation Error
5. ☐ None of these.

Incorrect

16. Question

10 points

What is the output of the below Java code snippet?

```
class Myexception extends Exception {  
    int detail;  
    Myexception(int a) {  
        detail = a;  
    }  
    public String toString() {  
        return "detail";  
    }  
}
```

```

class method {
    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("Exception");
        }
    }
}

```

1. ☐ Runtime Error
2. ☒ Exception
3. ☐ Compilation Error
4. ☐ 3

Incorrect

17. Question

10 points

What is the output of the below Java program?

```

class exception_handling {
    public static void main(String args[]) {
        try {
            int i, sum;
            sum = 10;
            for (i = -1; i < 3 ;++i) {
                sum = (sum / i);
                System.out.print(i);
            }
        }
        catch(ArithmeticException e) {
            System.out.print("0");
        }
    }
}

```

1. ☐ -1
2. ☐ -101
3. ☒ 0

4. ☐ -10

Incorrect

18. Question

10 points

What is the output of this Java code fragment?

```
class exception_handling {  
    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");  
        }  
        finally {  
            System.out.print("C");  
        }  
    }  
}
```

1. ☐ BC

2. ☐ AC

3. ☐ A

4. ☐ B

Incorrect

19. Question

10 points

What is the output of this Java program?

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

1. ☐ None of these.

2. ☐ Hello World

- 3. ☐ Hello
- 4. ☐ World
- 5. ☐ HelloWorld

Incorrect

20. Question

10 points

Which of these keywords is used by the calling function to guard against the exception that is thrown by called function?

- 1. ☐ throws
- 2. ☐ catch
- 3. ☐ throw
- 4. ☐ None of these.
- 5. ☐ try

Incorrect

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