

Java Exception Handling Quiz

Total questions: 20

Worksheet time: 10mins

Instructor name: Ashok Pate

Name Class Date

1. 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"); } } } }
```

a) Runtime Error

b) TypeB

c) Compilation Error

d) TypeA

2. 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"); } } }
```

a) None of these.

b) 0A

c) A

d) Exception

e) 0

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

a) finally

b) try

c) None of these.

d) throw

e) catch

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

a) thrown

b) alloc

c) new

d) malloc

e) None of these.

5. Select the best answer for the code given below?

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

a) The method rightHere() is not defined correctly.

b) None of these.

c) The throw keyword is not used correctly.

d) You cannot throw an instance of the Exception class.

6. 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"); } } }`

- Compilation Error
- Runtime Error
- 3
- Exception
- None of these.

7. Which of these methods return description of an exception?

- getMessage()
- obtainException()
- getException()
- obtainDescription()
- None of these.

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

- All
- overridden method of sub class can throw any Runtime Exception.
- Overridden method of sub class may not throw any exception.
- overridden method of sub class cannot throw any checked exception.

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

- finally
- throw handler
- Default handler
- Java run-time system
- None of these.

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

- Class
- System
- RunTime
- None of these.
- Throwable

11. 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"); } } }`

- Compilation Error
- None of these.
- A
- Runtime Error
- B

12. Which of these methods is used to print stack trace?

- displayStackTrace()
- getStackTrace()
- printStackTrace()
- obtainStackTrace()

13. 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"); } } }
- a) Exception
b) 3
c) None of these.
d) Compilation Error
e) Runtime Error
14. What is the output of the following 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"); } } }
- a) None of these.
b) -10
c) -101
d) -1
e) 0
15. 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"); } } }
- a) B
b) A
c) Compilation Error
d) None of these.
e) Runtime Error
16. 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"); } } }
- a) Runtime Error
b) Exception
c) 3
d) Compilation Error
17. 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"); } } }
- a) -101
b) -10
c) -1
d) 0
18. 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"); } } }
- a) AC
b) BC
c) B
d) A

19. 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"); } }`

- a) Hello
- b) World
- c) Hello World
- d) HelloWorld
- e) None of these.

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

- a) throw
- b) try
- c) None of these.
- d) catch
- e) throws