

# EXL\_Tech Assessment

## Section

Instructions:

- This assessment contains 3 SECTIONS
- YOU ONLY HAVE 1 ATTEMPT.
- You have 30minutes to complete this assessment.
- READ ALL QUESTIONS CAREFULLY.
- Sharing of this assessment will result in IMMEDIATE DISQUALIFICATION.
- All the best.

### 1. Email Address \*

mnukwa1996@gmail.com

### 2. Please enter your First Name \*

Andile

### 3. Please enter your Last Name \*

Mnukwa

### 4. Please Enter you RSA National Identity Number \*

9612256038087

### 5. Which of these has/have highest precedence? (1 Point) \*

- ☐ A. ()
- ☒ B. ++
- ☐ C. \*
- ☐ D. >>

### 6. Which one is a template for creating different objects ? (1 Point) \*

- ☒ A. An Array
- ☐ B. A class
- ☐ C. Parenthesis

☐ D. Comma

7. Modulus operator (%) can be applied to which of these? (1 Point) \*

☐ A. Integers

☐ B. Doubles

☒ C. Both A and B

☐ D. None of these

8. Division operator has \_\_\_\_ precedence over multiplication operator (1 Point) \*

☐ A. Highest

☒ B. Least

☐ C. Equal

☐ D. None of these

9. Which of the following are not access modifiers in programming? (1 Point) \*

☐ A. Public

☐ B. Private

☒ C. Friendly

10. What is the value stored in x in the following lines of code? `int x, y, z; x = 0; y = 1; x = y = z = 8` (1 Point) \*

☐ A. 0

☐ B. 1

☐ C. 9

☒ D. 8

11. Which of these can not be used for a variable name in programming? (1 Point) \*

☐ A. Identifier

☐ B. Keyword

☒ C. Identifier & Keyword

☐ D. None of the mentioned

Section 2

Given : X = 10, Y = 5, Z = 2    Answer the following questions in this section

12. Print(x > y > z) (2 Points) \*

- ☒ True
- ☐ False

13. Print(10 <= x) (1 Point) \*

- ☒ True
- ☐ False

14. Print( 10 != x) (1 Point) \*

- ☐ True
- ☒ False

15. Print(x % z) (2 Points) \*

- ☐ 5
- ☐ 2
- ☒ 0
- ☐ 20

16. If x > 5 and y>5    Print(x \* y)    Else:    Print("Do nothing !" )    What will be the output ?  
(1 Point) \*

- ☐ x \* y
- ☐ 50
- ☒ Do nothing!
- ☐ 10

17. If x > 5 OR y>5    Print(x \* y)    Else:    Print("Do nothing !" )    What will be the output?  
(2 Points) \*

- ☐ x \* y
- ☒ 50
- ☐ Do nothing!

☐ 10

18. If  $x > 5$  :    Print ( $x * x$ ) Else    Print ( $x$ ) What will be the output (1 Point) \*

☐  $x * x$

☐ 50

☐ 10

☒ 100

### Section 3

19. In programming, a subroutine is called a \_\_\_\_\_. (1 Point) \*

☐ A. Attributes

☐ B. Metadata

☒ C. Method

20. A(n) \_\_\_\_\_ is a symbol that tells the computer to perform certain mathematical or logical manipulations (1 Point) \*

☒ A. Operator

☐ B. Expression

☐ C. Condition

☐ D. Logic

21. An \_\_\_\_ is a group of contiguous or related data items that share a common name. (1 Point) \*

☐ A. Operator

☐ B. Integer

☐ C. Exponential

☒ D. Array

22. \_\_\_\_\_ variables are visible only in the block they are declared (1 Point) \*

☐ A. System

☐ B. Global

☒ C. Local

☐ D. Console

23. Programming treats the multiple catch statements like cases in a \_\_\_\_\_ statement. (1 Point) \*

☐ A. If

☒ B. Switch

☐ C. For

☐ D. While

24. A method\_\_\_\_an exception when that method detects that a problem has occurred. (1 Point) \*

☐ A. Trys

☐ B. Catches

☒ C. Throws

25. A\_\_\_\_block enclose the code that could throw an exception (1 Point) \*

☒ A. Try

☐ B. Catch

☐ C. Exception

☐ D. Error

26. Format Exception is invoked when data is in the wrong data type. (1 Point) \*

☐ A. True

☒ B. False

27. The public (Access Identifier) can only be assigned to class. True / False (1 Point) \*

☒ A. True

☐ B. False

28. Each method in a programming class must have a unique name.  
(1 Point) \*

☒ A. Not necessary

☐ B. True

☐ C. False

☐ D. None of the above

29. If m and n are int type variables, what will be the result of the expression m%n when m=-14 and n=-3? (1 Point) \*

☐ A. 4

☒ B. 2

☐ C. -2

☐ D. -4

30. An object is an ..... of class. (1 Point) \*

☒ A. instance

☐ B. implement

☐ C. inheritance

☐ D. invoke

31. .... statement is valid for array declaration. (1 Point) \*

☐ A. int number();

☐ B. float number();

☒ C. float number[];

☐ D count int[];

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