**International Islamic University Chittagong (IIUC)**

**Department of Computer and Communication Engineering**

**Semester End Lab Exam Quiz (SET-B)**

Semester: **Autumn 2024**

Course Title: **Python Programming Sessional**

Time:**20 Minutes**

Program: **B.sc (Engg.)**

Course Code: **CCE–2406**

Total Marks: **20**

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| ID | NAME | MARK |
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## Answer all the questions

1. **What is the correct way to create a tuple in Python?**  
   a) tuple = [ ] b) tuple = ( ) c) tuple = { } d) tuple = < >
2. **What does the is operator compare in Python?**  
   a) Values of two objects b) Memory location of two objects c) Type of objects d) Syntax validity
3. **Which Python keyword is used to define an anonymous function?**  
   a) func b) def c) lambda d) anonymous
4. **What will be the output of print(bool(1))?**  
   a) True b) False c) Error d) None
5. **How do you check the type of an object in Python?**  
   a) typeof(object) b) checktype(object) c) type(object) d) object.type()
6. **Which method removes the first occurrence of an element from a list?**  
   a) pop() b) delete() c) remove() d) discard()
7. **How do you declare a constant in Python?**  
   a) CONST\_NAME b) const CONST\_NAME   
   c) Using all-uppercase variable names d) Python does not support constants
8. **What is the default value returned by a function if no return statement is provided?**  
   a) 0 b) None c) False d) Error
9. **How do you get the last element of a list in Python?**  
   a) list[len(list)-1] b) list[-1] c) list.pop() d) list[0]
10. **What will range(3) generate?**  
    a) [0, 1, 2] b) [1, 2, 3] c) (0, 1, 2) d) {0, 1, 2}
11. **What is the correct way to install a package in Python using pip?**  
    a) pip install package b) install package c) python install package d) pip add package
12. **What is the purpose of the with statement in Python?**  
    a) Error handling b) For resource management c) To write functions d) To declare loops
13. **What is the result of 5 % 2 in Python?**  
    a) 2.5 b) 2 c) 1 d) 0
14. **Which function is used to find the length of a string in Python?**  
    a) str\_len() b) length() c) len() d) strlen()
15. **How do you concatenate two strings in Python?**  
    a) str1 + str2 b) concat(str1, str2) c) str1 & str2 d) join(str1, str2)
16. **Which of the following data types is immutable in Python?**  
    a) List b) Set c) Dictionary d) Tuple
17. **What is the correct way to declare a comment in Python?**  
    a) // comment b) /\* comment \*/ c) <!-- comment --> d) # comment
18. **What is the correct way to write a multi-line string in Python?**  
    a) ' ' ' string ' ' ' b) " string " c) < string > d) [ string ]
19. **Which method is used to split a string into a list?**  
    a) split() b) divide() c) slice() d) partition()
20. **What does the continue statement do in Python?**  
    a) Exits the loop b) Skips the current iteration and moves to the next c) Stops the execution entirely d) Throws an error