**International Islamic University Chittagong (IIUC)**

**Department of Computer and Communication Engineering**

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

Semester: **Autumn 2024**

Course Title: **Python Programming Sessional**

Time:**20 Minutes**

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

Course Code: **CCE–2406**

Total Marks: **20**

|  |  |  |
| --- | --- | --- |
| ID | NAME | MARK |
|  |  |  |

## Answer all the questions

1. **What keyword is used to define a function in Python?**  
   a) def b) function c) func d) define
2. **How do you create a list in Python?**  
   a) list = {} b) list = [] c) list = () d) list = < >
3. **Which keyword is used for conditional branching in Python?**  
   a) switch b) case c) if d) IF
4. **What is the correct way to start a for loop in Python?**  
   a) for i in range(): b) for (i=0; i < n; i++): c) foreach (i in list): d) for each i:
5. **Which of the following is used to handle exceptions in Python?**  
   a) try-except b) catch-finally c) try-catch d) handle-error
6. **How do you import a module in Python?**  
   a) module import name b) import module\_name c) import(name) d) module(name)
7. **Which function is used to read input from the user in Python?**  
   a) input() b) raw\_input() c) get\_input() d) user\_input()
8. **What symbol is used for comments in Python?**  
   a) // b) # c) /\* \*/ d) <!-- -->
9. **Which data type is used to store True or False in Python?**  
   a) int b) bool c) str d) binary
10. **How do you open a file in Python for writing?**  
    a) open(file, "write") b) open(file, "w") c) open(file, "r+") d) open(file, "rw")
11. **Which operator is used to check for membership in a list in Python?**  
    a) in b) contains c) == d) has
12. **What is the output of print(2 \*\* 3) in Python?**  
    a) 4 b) 6 c) 9 d) 8
13. **What is the result of len("Python")?**  
    a) 5 b) Error c) 7 d) 6
14. **Which method is used to add an element at the end of a list?**  
    a) extend() b) insert() c) append() d) add()
15. **What is the output of print(10 // 3) in Python?**  
    a) 3.33 b) None c) 4 d) 3
16. **How do you create a dictionary in Python?**  
    a) {} b) [] c) () d) <>
17. **What does the \* operator signify when used with pointers in programming** a) It assigns a value to a variable.  
    b) It multiplies two numbers.  
    c) It is used to access the value at the memory address stored in a pointer.  
    d) It is a syntax for comments.
18. **Which method is used to convert a string to lowercase?**  
    a) convert\_lower()b) tolower() c) lowercase() d) lower()
19. **What does break do in a loop?**  
    a) Stops the current iteration and starts the next b) Exits the loop entirely c) Skips the current loop body d) Throws an error
20. **How do you start defining a class in Python?**  
    a) define class ClassName: b) class ClassName:   
    c) new class ClassName: d) create class ClassName: