

Multiple Choice Questions

1. _____ control statement repeatedly executes a set of statements.
- ☒ a. Iterative
 - b. Conditional
 - c. Multi-way
 - d. All of these
2. Deduce the output of the following code.
- ```
if False and False:
 print("And Operation")
elif True or False:
 print("Or operation")
else:
 print("Default case")
```
- a. And Operation
  - ☒ b. Or Operation
  - c. Default Case
  - d. B and C option
3. Predict the output of the following code.
- ```
i = 1
while True:
    if i%2 == 0:
        break
    print(i)
    i += 1
```
- ☒ a. 1
 - b. 12
 - c. 123
 - d. None of these
4. Which keyword is used to take the control to the beginning of the loop?
- a. exit
 - b. break
 - ☒ c. continue
 - d. None of these
5. The step argument in range() function _____.
- a. indicates the beginning of the sequence
 - b. indicates the end of the sequence
 - ☒ c. indicates the difference between every two consecutive numbers in the sequence
 - d. generates numbers up to a specified value

6. The symbol that is placed at the end of if condition is

- a. ;
- ☒ b. :
- c. &
- d. ~

7. What is the keyword that is used to come out of a loop only for that iteration?

- ☒ a. break
- b. return
- c. continue
- d. if

8. Judge the output of the following code snippet.

```
for i in range(10):  
    if i == 5:  
        break  
    else:  
        print(i)
```

- ☒ a. 0 1 2 3 4
- b. 0 1 2 3 4 5
- c. 0 1 2 3
- d. 1 2 3 4 5

9. Predict the output of the following code snippet.

```
while True:  
    print(True)  
    break
```

- ☒ a. True
- b. False
- c. None
- d. Syntax error

10. The output of the below expression is

```
>>>10 * (1/0).
```

- a. OverflowError
- ☒ b. ZeroDivisionError
- c. NameError
- d. TypeError

11. How many except statements can a try-except block have?

- a. Zero
- b. One
- ☒ c. More than one
- d. More than zero

12. When will the else part of the try-except-else be executed?
- a. Always
 - b. When an exception occurs
 - c. ✓ When no exception occurs
 - d. When an exception occurs in a try block
13. When is the finally block executed?
- a. When an exception occurs
 - b. When there is no exception
 - c. Only if some condition that has been specified is satisfied
 - d. ✓ always
14. The keyword that is not used as an exception handling in Python?
- a. try
 - b. except
 - c. ✓ accept
 - d. finally
15. An exception is
- a. ✓ A object
 - b. A special function
 - c. A special module
 - d. A module
16. The set of statements that will be executed whether an exception is thrown or not?
- a. except
 - b. else
 - c. ✓ finally
 - d. assert
17. Predict the output of the following code snippet.
- ```
while True
 print("Hello World")
```
- a. ✓ Syntax Error
  - b. Logical Error
  - c. Run-time error
  - d. None of these
18. Gauge the output of the following statement?
- ```
int("65.43")
```
- a. ✓ Import error
 - b. Value error
 - c. Type error
 - d. Name error

19. The error that is not a standard exception in Python.
- a. Name Error
 - ☒ b. Assignment Error
 - c. IO Error
 - d. Value Error
20. The function that generates a sequence of numbers which can be iterated through using *for* loop.
- a. input()
 - ☒ b. range()
 - c. list()
 - d. raw_input()
21. What is the output of the following code snippet?
- ```
x = 'abcd'
for i in x:
 print(i)
```
- ☒ a. abcd
  - b. 0 1 2 3
  - c. iiii
  - d. Traceback
22. The function of while loop is
- a. Repeat a chunk of code a given number of times.
  - b. Repeat a chunk of code until a condition is true.
  - ☒ c. Repeat a chunk of code until a condition is false.
  - d. Repeat a chunk of code indefinitely.
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