1.What is the result of the condition passed in the if block in Python?

* Boolean Output
* Numerical Output
* Both based on the scenario.
* None of these.

ANS: Boolean Output

1. How many conditions can be specified in an if block?

* One
* Three
* Eleven
* Infinite.

ANS: Infinite.

1. What is the correct syntax for the if-else block?

* if()
* If condition: code-block Elif condition: pass
* If condition: Code-block Else: code-block
* None of these.

ANS:If condition: Code-block Else: code-block

1. What can be put in the if code block if you don’t want any execution in the block?

* return
* pass
* print()
* All of these.

ANS: pass

1. What is the shorthand for the else block combined with an if block in python?

* else-if
* elseIf
* elsif
* elif

ANS: elif

1. What will be the output of the code given below?

# Code Snippet Starts

if(‘true’):

    print(“Hello, from Quiz!”)

else:

    print(“Exit!”)

# Code Snippet Starts

* Exit!
* Hello, from Quiz!
* Error in the code.
* None of these.

ANS: Hello, from Quiz!

1. Find the output of the code given below?

# Code Snippet Starts

a=12

b=16

if (a-b):

    print(‘Quiz domain’)

else:

    pass

# Code Snippet Starts

* Quiz Domain
* Quiz domain
* pass
* None of these.

ANS: Quiz domain

1. What will be the output of the code given below?

# Code Snippet Starts

if (0 or 5):

    print(‘If is executed’)

else:

    pass

# Code Snippet Starts

* No output is registered.
* pass
* If is Executed.
* None of these.

ANS:None of these.

1. Find the output of the code given below?

# Code Snippet Starts

a = 12

b = 15

c = 18

if (a>b):

    b+=5

elif(b>c):

    c+=5

elif(c>a):

    a+=9

print(a,b,c)

# Code Snippet Starts

* 21 15 18
* 21 20 23
* 21 15 23
* None of these.

ANS:21 15 18

1. Find the output of the code given below?

# Code Snippet Starts

a = 12

b = 15

c = 18

if a%2==0:

    if b%c == 1:

        c-=5

    b+=12

    if c%a == 6:

        b-=13

    else:

        a=b=c=0

print(a,c)

# Code Snippet Starts

* 18 12
* 14 16
* 13 15
* 12 18

ANS: 12 18

1. Find the output of the code given below?

# Code Snippet Starts

l = [i for i in range(42,150,16)]

lOne = []

lTwo = []

for j in l:

    if(j%5==0):

        lOne.append(j)

    else:

        lTwo.append(j)

print(abs(len(lOne)-len(lTwo)))

# Code Snippet Starts

* 9
* 5
* 8
* 7

ANS: 5

1. Find the output of the code given below?

# Code Snippet Starts

arr = [123,78,34,6,89,100,56,78]

del arr[3]

arr.append([23,45])

if(6 in arr):

    print(arr[5])

elif(45 in arr):

    print(arr[-1])

else:

    del arr[-4]

    arr.remove(78)

print(arr)

# Code Snippet Starts

* [123, 34, 89, 56, 78, [23, 45]]
* 45
* 23
* [123, 34, 89, 56]

ANS: [123, 34, 89, 56, 78, [23, 45]]

1. Find the output of the code given below?

# Code Snippet Starts

s = ‘QuizOrbit’

if(s.isupper()):

    print(s.lower)

elif(s.islower()):

    print(s.upper)

else:

    pass

# Code Snippet Starts

* QUIZORBIT
* Quizorbit
* QuizOrbit
* No output is recorded.

ANS: No output is recorded.

1. Find the output of the code given below? # Code Snippet Starts

val = (23,14,25)

val[1]=90

if(90 in val):

    print(“You win”)

else:

    print(“Exit!”)

# Code Snippet Starts

* You win
* Exit!
* No output is recorded.
* Error in the code.

Ans: Error in the code.

1. What will be the output of the code given below?

# Code Snippet Starts

arr = [23,67,54,68,90,78]

del arr[3]

arr.append([23,45])

if(len(arr)):

    print(len(arr))

# Code Snippet Starts

* 4
* 5
* 7
* 6

ANS: 6

1. Which of the following Python code will give different output from the others?

A. for i in range(0,5):  
    print(i)  
B. for j in [0,1,2,3,4]:  
    print(j)  
C. for k in [0,1,2,3,4,5]:  
    print(k)   
D. for l in range(0,5,1):  
    print(l)

Ans : C

Explanation: Option C python code will give different output from the others.

17. How many times will the loop run?

i=2

while(i>0):

i=i-1

A. 2  
B. 3  
C. 1  
D. 0

Ans : A

Explanation: The loop will run 2 times.

18. What will be the output of the following Python code?

list1 = [3 , 2 , 5 , 6 , 0 , 7, 9]

sum = 0

sum1 = 0

for elem in list1:

if (elem % 2 == 0):

sum = sum + elem

continue

if (elem % 3 == 0):

sum1 = sum1 + elem

print(sum , end=" ")

print(sum1)

A. 8 9  
B. 8 3  
C. 2 3  
D. 8 12

Ans : D

Explanation: The output of the following python code is 8 12.

19. What will be the output of the following Python code?

str1="learn python"

str2=""

str3=""

for x in str1:

if(x=="r" or x=="n" or x=="p"):

str2+=x

pass

if(x=="r" or x=="e" or x=="a"):

str3+=x

print(str2,end=" ")

print(str3)

A. rnpn ea  
B. rnpn ear  
C. rnp ea  
D. rnp ear

Ans : B

Explanation: The output of the following python code is rnpn ear.

20. What will be the output of the following Python code?

for i in range(0,2,-1):

print("Hello")

A. Hello  
B. Hello Hello  
C. No Output  
D. Error

View Answer

Ans : C

Explanation: There will be no output of the following python code.

1. Which one of the following is a valid Python if statement :

A. if a>=2 :  
B. if (a >= 2)  
C. if (a => 22)  
D. if a >= 22

Ans : A

Explanation: If statment always ended with colon (:). So, option A is correct.

22. What keyword would you use to add an alternative condition to an if statement?

A. else if  
B. elseif  
C. elif  
D. None of the above

Ans : C

Explanation: elif is used to add an alternative condition to an if statement. So, option C is correct.

23. Can we write if/else into one line in python?

A. Yes  
B. No  
C. if/else not used in python  
D. None of the above

Ans : A

Explanation: Yes, we can write if/else in one line. For eg i = 5 if a > 7 else 0. So, option A is correct.

24. In a Python program, a control structure:

A. Defines program-specific data structures  
B. Directs the order of execution of the statements in the program  
C. Dictates what happens before the program starts and after it terminates  
D. None of the above

Ans : B

Explanation: Control structures determine which statements in the program will be executed and in what order, allowing for statements to be skipped over or executed repeatedly. So, option B is correct.

25. What will be output of this expression:

'p' + 'q' if '12'.isdigit() else 'r' + 's'

A. pq  
B. rs  
C. pqrs  
D. pq12

Ans : A

Explanation: If condition is true so pq will be the output. So, option A is correct.