

Started on Tuesday, 20 August 2024, 10:20 AM**State** Finished**Completed on** Tuesday, 20 August 2024, 10:39 AM**Time taken** 18 mins 36 secsQuestion **1**

Complete

Marked out of 1.00

Given the nested **if-else** below, what will be the value **x** when the code executed successfully

`x = 0``a = 5``b = 5``if a > 0:` `if b < 0:` `x = x + 5` `elif a > 5:` `x = x + 4` `else:` `x = x + 3``else:` `x = x + 2``print(x)`

- ☐ a. 2
- ☐ b. 0
- ☒ c. 3
- ☐ d. 4

Question **2**

Complete

Marked out of 1.00

What is the output of the following code.

```
a=90
if a>100:
    if(a<=90 and a==90):
        print("REC")
    else:
        print("OPEN-ELECTIVE")
```

- ☐ a. REC
OPEN-ELECTIVE
- ☐ b. OPEN-ELECTIVE
- ☒ c. No output
- ☐ d. REC

Question **3**

Complete

Marked out of 1.00

What is the output of the given below program?

if 1 + 3 == 7:

print("Hello")

else:

print("Know Program")

- ☐ a. Error
- ☐ b. Compiled Successfully, No Output.
- ☒ c. Know Program
- ☐ d. Hello

Question **4**

Complete

Marked out of 1.00

Ahaana wants to make a fun program , if user enters any number a "Good" or "funny" message will appear . She is confused that which is the most suitable control to be used to make such program. Help her to choose correct option.

- ☐ a. Nested if
- ☒ b. If
- ☐ c. if else
- ☐ d. if elif

Question **5**

Complete

Marked out of 1.00

What will be the output for the following code?

if False:

```
print("1001")
```

else:

```
print("2002")
```

- ☐ a. 1001
- ☒ b. 2002
- ☐ c. syntax error

Question **6**

Complete

Marked out of 1.00

What is the output of the following code :`x=True``y=False``z=False``if x or y and z:` `print("YES")``elif x and y or z:` `print("yes")``else:` `print("no")`

- ☐ a. Error
- ☐ b. YES
- ☐ c. yes
- ☒ d. no

Question **7**

Complete

Marked out of 1.00

choose a valid Python if statement :

- ☐ a. `if (a >= 2)`
- ☒ b. `if a>=2 :`
- ☐ c. `if (a => 22)`

Question **8**

Complete

Marked out of 1.00

What is the output of the following code snippet?`a = "Hi"``b = "Arjuna"``c = "Bhimaa"``print("Hi", a, b, c)`

- ☐ a. Hi Arjuna Bhimaa
- ☒ b. Hi Hi Arjuna Bhimaa
- ☐ c. Hi Arjuna Bhimaa Hi
- ☐ d. Hi Arjuna Hi Bhimaa

Question **9**

Complete

Marked out of 1.00

What will be the output for the following code?

if 1-1:

```
print("python")
```

else:

```
print("0 is false")
```

- ☒ a. 0 is false
- ☐ b. Error
- ☐ c. python

Question **10**

Complete

Marked out of 1.00

_____ is an empty statement in Python.

- ☐ a. Jump
- ☐ b. Empty
- ☒ c. pass
- ☐ d. None

Question **11**

Complete

Marked out of 1.00

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

- ☒ a. Yes
- ☐ b. No

Question **12**

Complete

Marked out of 1.00

What will be the output of the given code?

x,y=1,1

if(x==y):

 print("equal")

if(x>y):

 print("1")

else:

 print("0")

- ☐ a. 1
- ☐ b. equal
- ☐ c. 0
- ☒ d. equal
- 0

Question **13**

Complete

Marked out of 1.00

What is the output of the following code.

```
a="REC"
if a in ("rec"):
    print(a)
print(a)
```

- ☐ a. REC
REC
- ☒ b. REC
- ☐ c. false
REC
- ☐ d. No output
REC

Question **14**

Complete

Marked out of 1.00

What is the output of the following snippet?

```
s1 = "IIT " # Remember there is a space after T in IIT
s2 = "Punjab"
s1 = s1 * 2
s2 = "Ropar"
print(s1, s2)
```

- ☐ a. IIT Ropar
- ☐ b. IIT IIT Punjab
- ☐ c. IIT Punjab
- ☒ d. IIT IIT Ropar

Question **15**

Complete

Marked out of 1.00

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

- ☒ a. elif
- ☐ b. elseif
- ☐ c. else if