



Q: Select one of the following

1. Everything in python is object.

a.True b.False

2. Which expression evaluates to 2.

A. $5\%3$ B. $5//3$ C. $2/4$

3. Which string definition results in an error?

A. "It's 10AM" B. 'It is 10AM' C. 'It's 10AM'

4. What is the output of the following Python code?

```
first_name = "Jeff"
#first_name = "Sara"
print(first_name)
```

a. JeffSara b. Jeff c. Sara

5. What will the following code print?

```
number = 3**2
Number = 2**3
print(number)
```

a. 9 b. 6 c. 8

6. If x="Computer Science",

what is the output of x[:-8:-1]

a. Computer b. ecneicS c. Science d. retupmoC

7. IF x="Computer", what is the output of x[3]

A. m B. u C. p

8. What is the output of the following

```
y="Salahaddin"
(y.upper()).split("a")
```

A. ['S', 'l', 'h', 'ddin'] B. ['S', 'L', 'H', 'DDIN'] C. ['Salahaddin'] D. ['SALAHADDIN']

9. What is the output of the following

```
y="Salahaddin"
len(y)
```

A. 10 B. 8 C. 9

10. If l=[19,[3.141,33,[40,'com',3.5]],'yes']

How Can you get m in com?

- A. `l[1][3][1][2]` B. `l[1][2][1][2]` C. `l[2][3][2][3]`
11. if `D={'k1':1,'k2':2,'k1':4,'k3':50}` then the output of `D.values()` will be?
 A. `[1,2,4,50]` B. `[4, 2, 50]` C. `[2,1,4,50]`
12. If `L=[3,5,2,7]`
`L.reverse()` then the value of `L` will be?
 A. `[7,2,5,3]` B. `[2,3,5,7]` C. `[7,5,3,2]`
13. If `L= [10, [3, 10, [30, 'A', 'F']], 'no']`
 How can get `['A', 'F']`?
 A. `L[1][2][1:]` B. `L[1][2][:]` C. `L[1][2][1:-1]`
14. If `t = ('A', 'B', 'C')`
 How to replace 'B' with 'G'?
 A. Can not replace B. `t[1:1]='G'` C. `t[1]='G'`
15. for `_ in range(2,5):`
`print(j)`
 a. Error b. `jjj` c. `2 3 4`
16. Python can iterate over each element in `number(14)`
 A. True B. False
17. `import random`
`random.choice(['a','b'],1)`
 output will be:
 a. 'a' and 'b' b. 'a' or 'b' c. error
18. `L=["Aroo", "Ales", "Levona","Masha"]`
`{ i.upper():len(i) for i in L}`
 Output will be:
 a. `{'AROO': 4, 'ALES': 4, 'LEVONA': 6, 'MASHA': 5}` b. `{'AROO': 4, 'ALES': 4, 'LEVONA': 6, 'MASHA': 5}`
 c. Error d. `['AROO': 4, 'ALES': 4, 'LEVONA': 6, 'MASHA': 5]`

Q19: Write a program to print from 0 to 100 using a loop statement.

Q20: Write a program to calculate the summation of a list between 0 to 100, and print the result.

Q21: Write a program to print elements of tuple inside the list, each one in a line.

Q22: Write a program to generate bo as follows, while the high and wide are controlled by user input.

Q23: Write a program to create a Guess number game.

Q24: Write a program to find those numbers which are divided by 3 and multiple by 4 between 20 to 40, and save in a list then print it

Q25: Write a program to generate a set of square of even numbers multiply by 3 from 1 to 100.

Q26: Write a program to generate the following list

`[(0,0),(3,9),(6,36),(9,81),(12,144),(15,225),(18,324)]`

Q27: Write a function to print a lesser number of two numbers if both are even numbers, and return the greatest number if one of them odd or both.