

1. What will be the output after the following statements?

```
y = lambda x: x*4  
print(y(6))
```

- a. 24 b. 24.0
- c. 6: 24 d. d. 36

2. What will be the output after the following statements?

```
x = 'Python Pi Py Pip'  
print(x.count('p'))
```

- a. 1 b. 0
- c. 4 d. 5

3. What will be the output after the following statements?

```
x = 'Interview'  
print(x.replace('e',' '))
```

- a. Interview b. Intrviw
- c. I n t e r v i e w d. Int rvi w

4. What will be the output after the following statements?

```
x = ' Python '  
y = ' 3 '  
z = ' Questions '  
print(x.strip()+y.strip()+z.strip())
```

- a. Python 3 Questions b. Python3Questions
- c. Python3 Questions d. Python 3Questions

5. What will be the output after the following statements?

```
x = 'Python Test'  
print(x.join('33'))
```

- a. 3Python Test3 b. 3Python3Test
- c. Python3Test3 d. Python Test33

6. What will be the output after the following statements?

```
a = [[0, 1, 2, 3], [4, 5, 6, 7], [8, 9, 10, 11]]  
print(list(zip(*a)))
```

- a. [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11] b. [[0, 4, 8], [1, 5, 9], [2, 6, 10], [3, 7, 11]]
- c. [[0, 1, 2], [3, 4, 5], [6, 7, 8], [9, 10, 11]] d. [0, 1, 2, 3], [4, 5, 6, 7], [8, 9, 10, 11]

7. What will be the output of the following program?

```
def func1(L):  
    L[0]="A"  
L1=[1,2,3]  
func1(L1)  
print(L1)
```

- a. [1,2,3]
- b. [1,'A',2]
- c. ['A',1,2]
- d. ['A','1',2]

8. What will be the output of the following program?

```
list1=[10,30]  
list2 = list1  
list1[0] = 40  
print(list2)
```

- a. 10, 30
- b. 40, 30
- c. 10, 40
- d. 30, 40

9. What will be the output of the following code?

```
Fruits = ('Banana','Grapes','Mango','WaterMelon')  
print(max(fruits))  
print(min(fruits))
```

- a. WaterMelon, Mango
- b. WaterMelon, Banana
- c. WaterMelon, Grapes
- d. Banana, WaterMelon

10. What will be the output of the following code?

```
list1 = [0.5 * x for x in range(0, 4)]  
print(list1)
```

- a) [0, 1, 2, 3]
- b) [0, 1, 2, 3, 4]
- c) [0.0, 0.5, 1.0, 1.5]
- d) [0.0, 0.5, 1.0, 1.5, 2.0]

11. To insert 5 to the third position in list1, we use which command?

- a) list1.insert(3, 5)
- b) list1.insert(2, 5)
- c) list1.add(3, 5)
- d) list1.append(3, 5)

12. >>>"Welcome to Python".split()

- a) ["Welcome", "to", "Python"]
- b) ("Welcome", "to", "Python")
- c) {"Welcome", "to", "Python"}
- d) "Welcome", "to", "Python"