

ASSIGNMENT -1

1] Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1] ?

- a) [2, 33, 222, 14].
- b) Error
- c) 25
- d) [25, 14, 222, 33, 2].

2]. What is the output when following code is executed ?

```
names = ['Amir', 'Bear', 'Charlton', 'Daman']  
print(names[-1][-1])
```

- a) A
- b) Daman
- c) Error
- d) n

3] What is the output when following code is executed ?

```
list1 = [1, 3]  
list2 = list1  
list1[0] = 4  
print(list2)
```

- a) [1, 3].
- b) [4, 3].
- c) [1, 4].
- d) [1, 3, 4].

4] Which of the following is not a declaration of the dictionary?

- a) {1: 'A', 2: 'B'}
- b) dict([[1,"A"],[2,"B"]])
- c) {1,"A",2"B"}
- d) { }

5] What is the output of the following code?

```
a = {1:5,2:3,3:4}  
a.pop(3)  
print(a)
```

- a) {1: 5}
- b) {1: 5, 2: 3}
- c) Error, syntax error for pop() method
- d) {1: 5, 3: 4}

6] What will be the output of the following Python code?

```
nums = set([1,1,2,3,3,3,4,4])  
print(len(nums))
```

- a) 7
- b) Error, invalid syntax for formation of set
- c) 4
- d) 8

7]What will be the output of the following Python code?

```
a={1,2,3}  
b=a  
b.remove(3)  
print(a)
```

- a) {1,2,3}
- b) Error, copying of sets isn't allowed
- c) {1,2}
- d) Error, invalid syntax for remove

8]Is the following Python code valid?

```
a={3,4,{7,5}}  
print(a[2][0])
```

- a) Yes, 7 is printed
- b) Error, elements of a set can't be printed
- c) Error, subsets aren't allowed
- d) Yes, {7,5} is printed

9]What will be the output of the following Python code?

```
a={4,5,6}  
b={2,8,6}  
print(a+b)
```

- a) {4,5,6,2,8}
- b) {4,5,6,2,8,6}
- c) Error as unsupported operand type for sets
- d) Error as the duplicate item 6 is present in both sets

10) What is the output?

```
d={"john":40, "peter":45}  
print(d["john"])
```

- a) 40
- b) 45
- c) "john"
- d) "peter"

11) What will be the output of the following Python code?

```
example = "snow world"  
example[3] = 's'  
print (example)
```

- a) snow
- b) snow world
- c) Error
- d) snos world

12) What will be the output of the following Python code?

```
print("xyzxyzxyy".count('yy', 1))
```

- a) 2
- b) 0
- c) 1
- d) none of the mentioned

13) What will be the output of the following Python code?

```
print("abcdef".find("cd"))
```

- a) True
- b) 2
- c) 3
- d) None of the mentioned

14) Suppose t = (1, 2, 4, 3), which of the following is incorrect?

- a) print(t[3])
- b) t[3] = 45
- c) print(max(t))
- d) print(len(t))

15]What is the output of the following piece of code when executed in Python shell?

```
a=("Check")*3  
print(a)
```

- a) ('Check','Check','Check')
- b) * Operator not valid for tuples
- c) 'CheckCheckCheck'
- d) Syntax error

16]What will be the output?

```
my_tuple=(1, 2, 3, 4)  
my_tuple.append((5, 6, 7))  
print len(my_tuple)
```

- a) 1
- b) 2
- c) 5
- d) Error

17) What is the output of the following code?

```
a=(1,2,3,4)  
print(del(a[2]))
```

- a) Now, a=(1,2,4)
- b) Now, a=(1,3,4)
- c) Now a=(3,4)
- d) Error as tuple is immutable