

COMPUTER SCIENCE-XII

REVISION TOUR

1. What is the output of the following?

```
x = ['ab', 'cd']
```

```
for i in x:
```

```
    i.upper()
```

```
print(x)
```

- a) ['ab', 'cd'].
 - b) ['AB', 'CD'].
 - c) [None, None].
 - d) none of the mentioned
-

2. What is the output of the following?

```
x = ['ab', 'cd']
```

```
for i in x:
```

```
    x.append(i.upper())
```

```
print(x)
```

- a) ['AB', 'CD'].
- b) ['ab', 'cd', 'AB', 'CD'].
- c) ['ab', 'cd'].
- d) none of the mentioned

3. What is the output of the following?

```
i = 1
```

```
while True:
```

```
    if i%3 == 0:
```

```
        break
```

```
    print(i)
```

```
    i += 1
```

a) 1 2

b) 1 2 3

c) error

d) none of the mentioned

4. What is the output of the following?

```
i = 1
```

```
while True:
```

```
    if i%2 == 0:
```

```
        break
```

```
    print(i)
```

```
    i += 2
```

a) 1

b) 1 2

- c) 1 2 3 4 5 6 ...
 - d) 1 3 5 7 9 11 ...
-

5. What is the output of the following?

```
True = False
while True:
    print(True)
    break
```

- a) True
 - b) False
 - c) None
 - d) none of the mentioned
-

6. What is the output when following statement is executed?

```
>>>"a"+"bc"
```

- a) a
 - b) bc
 - c) bca
 - d) abc
-

7. What is the output when following statement is executed?

```
>>>"abcd"[2:]
```

- a) a

- b) ab
 - c) cd
 - d) dc
-

8. What is the output of the following code:

```
>>> str1='hello'  
>>> str2=','  
>>> str3='world'  
>>> str1[-1:]
```

- a) olleh
 - b) hello
 - c) h
 - d) o
-

9. What is the output of "hello"+str(1+2+3)

- a) hello123
 - b) hello6
 - c) hello
 - d) Error
-

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

- a) Error
- b) None

c) 25

d) 2

11. 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].

12. Suppose list1 is [1, 3, 2], What is list1 * 2 ?

a) [2, 6, 4].

b) [1, 3, 2, 1, 3].

c) [1, 3, 2, 1, 3, 2] .

D) [1, 3, 2, 3, 2, 1].

13. Which of the following is a Python tuple?

a) [1, 2, 3].

b) (1, 2, 3)

c) {1, 2, 3}

d) {}

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 will be the output?

```
>>>t=(1,2,4,3)
```

```
>>>t[1:3]
```

a) (1, 2)

b) (1, 2, 4)

c) (2, 4)

d) (2, 4, 3)

16. What will be the output?

```
>>>t=(1,2,4,3)
```

```
>>>t[1:-1]
```

a) (1, 2)

b) (1, 2, 4)

c) (2, 4)

d) (2, 4, 3)

17. Which of the following statements create a dictionary?

a) d = {}

b) d = {"john":40, "peter":45}

c) d = {40:"john", 45:"peter"}

d) All of the mentioned

18. What will be the output?

```
d1 = {"john":40, "peter":45}
```

```
d2 = {"john":466, "peter":45}
```

```
d1 == d2
```

- a) True
 - b) False
 - c) None
 - d) Error
-

19. What will be the output?

```
d1 = {"john":40, "peter":45}
```

```
d2 = {"john":466, "peter":45}
```

```
d1 > d2
```

- a) True
 - b) False
 - c) Error
 - d) None
-

20. Suppose `d = {"john":40, "peter":45}`. To obtain the number of entries in dictionary which command do we use?

- a) `d.size()`
 - b) `len(d)`
 - c) `size(d)`
 - d) `d.len()`
-

21. What is the output of the expression:

```
round(4.576)
```

- a) 4.5
 - b) 5
 - c) 4
 - d) 4.6
-

22. What is the output of the function shown below?

```
import math  
abs(math.sqrt(25))
```

- a) Error
 - b) -5
 - c) 5
 - d) 5.0
-

23. What is the output of the functions shown below?

```
min(max(False,-3,-4), 2,7)
```

- a) 2
 - b) False
 - c) -3
 - d) -4
-

24. What are the outcomes of the following functions?

```
chr('97')  
chr(97)
```

- a) a
Error
- b) 'a'
a
- c) Error
a
- d) Error

25. Which of the following functions will not result in an error when no arguments are passed to it?

- a) min()
 - b) divmod()
 - c) all()
 - d) float()
-