

TCS Xplore 2023 Python MCQs

By ShubhamShrii

Python

Question No.1

What is the output of below code snippet

```
def getTemp(name, temp):  
    print(name, temp)  
getTemp("Bangalore", 26)  
calculateTemp = getTemp  
calculateTemp("Chennai", 23)
```

☐ Error

☒ Chennai 23

☐ Bangalore 26

☐ Bangalore 26

Chennai 23

Snippet → Ans (

Python

Question No.2

What will be the output of below code snippet

```
def demo(n):  
    return lambda x: x + n  
  
func = demo(85)  
print(func(8))
```

☐ Error

☒ 93

☐ 92

☐ 94

$\sim \rightarrow 85$

$x = 85 +$

$x: x + 85$

\sim

$\underline{95} + 8 = 103$

Python

Question No.3

What will be the output of below code snippet

```
games = ['Swimming', 'Rugby', 'Vooleyball', 'Javalin']  
for g in games:  
    print(g, len(g))
```

☐ Swimming

Rugby

Vooleyball

Javalin

☒ Swimming 8

Rugby 5

Vooleyball 10

Javalin 7

Python

Question No.4

What is the output when running the below code?

```
num = 3  
tempStr="Solar System"  
print(tempStr[:2] * num)
```

- ☐ Solar System
- ☐ Solar
- ☐ Solar
- ☐ Solar
- ☒ SoSoSo
- ☐ SolarSolarSolar

[. 2]
h
0. 0-1
[' 0: 1]

So * 3

SoSoSo

Python

80, 70, 10

Question No.5

```
a1, a2 = 80, 70
while a1 <= 80:
    print(a1, end='|')
    a1, a2 = a2, a1-a2
```

☐ 80|70|10

☐ 80|

70|

10|

60|

☒ 80|70|10|60|-50

☐ 80|70|10|60|-50|

80, 70, 10

$a_1 = a_2 = 70$

$a_2 = 10$

70, 10, 10

Python

Question No.6

What is the output of the below python code?

```
a1=99  
a2=99  
print(a1 is a2)
```

☐ FALSE

☒ TRUE

☐ None of the options

☐ Syntax error

Python

Question No.7

What is the output when running the below code?

```
arr = (1, 3, 2, 1, 0, 1, 3)
```

```
for num in arr:
    pass
    if (num == 0):
        out = num
        break
    elif (num % 2 == 0):
        continue
    print(num)
```

```
print(out)
```

*Solve
and
ping
and in comment box*

Python

Question No.8

What is the output of below code snippet?

```
lst = ['M', 'O', 'O', 'O', 'N']  
lst[3] = 'N'  
lst[0:5] = ['Natural Satellite']  
print(lst)
```

- ☒ ['M', 'O', 'O', 'N', 'Natural Satellite']
- ☒ ['Natural Satellite']
- ☐ ['M', 'O', 'O', 'Natural Satellite', 'N']
- ☐ ['M', 'O', 'O', 'N']

slice
[0, n-1]

Python

Question No.9

What is the output of below code?

```
lst = [9, 99, 19, 89, 49]  
size = len(lst) - 1  
for i in range(size, -1, -1):  
    print(lst[i])
```

☐ 9

99

19

89

☐ 9

99

10

9
99
19
89
49

-1, -1

reverse

Python

Question No.10

What is the output of the below python code?

```
str1 = "Stars are the most widely2021 recognized Astronomical objects12"  
out = []  
new = str1.split()  
for item in new:  
    if any(char.isdigit() for char in item):  
        out.append(item)  
for i in out:  
    print(i)
```

☐ mangoorange

☐ \$stars

widely2021

objects12

[widely2021
objects12]

Python

Question No.11

What will be the output of below code snippet


```
demo={'cat': {}, 'puppy': {}}  
print(list(demo.values()))
```

- ☐ Error
- ☐ ['a', 'b']
- ☒ [0, 0]
- ☐ {'a', 'b'}

Python

Question No.13

```
sports = ["basketball", "football", "swimming", "kickball", "judo"]  
outList=sports[1:3]  
print(", ".join(outList))
```



☐ basketball, football, swimming,

☒ [football, swimming]

☐ None of these

☒ football, swimming

Python

Question No.14

```
dict1= {  
    "name": "Robin",  
    "age": 9,  
    "city": "Germany",  
    "Breed": "German Shepherd"  
}  
  
dict1['origin'] = dict1.pop('city')  
print(dict1)
```

- ☐ {'name': 'Robin', 'age': 9, 'Breed': 'German Shepherd', 'city': 'Germany'}
- ☒ None of these
- ☐ {'name': 'Robin', 'age': 9, 'Breed': 'German Shepherd', 'origin': 'Germany'}
- ☐ {'name': 'Robin', 'age': 9, 'Breed': 'German Shepherd'}

Python

Question No.15

What is the output when running the below code?

```
def process(temp):  
    return [str for str in temp if str in 'moon' ]  
  
print(process('Moon is the largest natural satellite in the Solar System'))
```

☐ Moonnnom

☐ ['o', 'o', 'n', 'n', 'n', 'o', 'm']

☒ ['M', 'o', 'o', 'n', 'n', 'n', 'o', 'm']

☐ Moon