

PYTHON (XII)

QUESTIONS & ANSWERS

SET-1

1. How will you check/display the list of keywords available in Python?

Ans: `import keyword`
`print(keyword.kwlist)`

2. What is the purpose of `eval()` method?

Ans: `eval()` method takes a string as an argument, evaluates this string as a number, and returns the numeric result(int/float).

3. Give the output of the following code:-

```
str1="Hello"  
print('h' in str1)
```

Ans: False

4. Give the output of the following slice operations:

```
Str1="Hello Class"  
Str1[::2]  
Str1[-5 : -2]  
Str1[5 :2 :-1]  
Str1[-2 : -5: -1]  
Str1[-2 : -5: -2]
```

Ans: 'HloCas'

'Cla'

'ol'

'sal'

'sl'

5. How many times is the word 'Hello' printed in the following statement?

```
S1='Python rocks'
```

```
S2='Hello'
```

```
for ch in S1[3:8]:  
    print(S2)
```

Ans: 5 times

6. Write a program to replace the last two elements in a list with another list.

Ans: L1=[1,3,5,7,9,10]

```
L2=[2,4,6,8]
```

```
L1[-2:]=L2
```

```
print(L1)
```

output: [1,3,5,7,2,4,6,8]

7. Give output of the followings:-

```
round(4.562)
```

```
round(4.51)
```

```
round(4.5)
```

```
round(4.4)
```

Ans: 5

5

4

4

8. Give output:

```
type(22/7)
type(-11.5)
type(7>3)
type(True)
```

Ans: <class 'float'>

<class 'float'>

<class 'bool'>

<class 'bool'>

9. Differentiate between a function and a method in Python?

Ans: (i) Python method is called on an object, unlike a function.

(ii) A method may alter an object's state, but Python function usually only operates on it, and then prints something or returns a value.

10. How do you check if a given key already exists in a dictionary?

Ans: There are 2 ways to check:

```
(i) if x in my_dict:
        val=my_dict[x]
```

```
else:
```

```
        val=None
```

```
(ii) val=my_dict.get(key, None)
```