

## 1) What is the output of the following addition (+) operator

In [1]:

```
a = [10, 20]
b = a
b += [30, 40]
print(a)
print(b)
```

```
[10, 20, 30, 40]
[10, 20, 30, 40]
```

## 2) What is the output of print(2%6)

a) ValueError b) 0.33 c) 2

In [2]:

```
print(2%6)
```

```
2
```

Ans: c) 2

## 3) What is the output of the following code:

In [3]:

```
print(bool(0), bool(3.14159), bool(-3), bool(1.0+1j))
```

```
False True True True
```

Ans: b) False True True True

## 4) What is the output of the expression print (-18 // 4)?

In [4]:

```
print (-18 // 4)
```

```
-5
```

## 5) What is the output of print (2 \*\* 3 \*\* 2)?

In [5]:

```
print (2 ** 3 ** 2)
```

512

**6) 4 is 100 in binary and 11 is 1011. What is the output of the following bitwise operators?**

In [6]:

```
a = 4
b = 11
print(a | b)
print(a >> 2)
```

15

1

**7) What is the value of the following Python Expression?**

In [7]:

```
print(36 / 4)
```

9.0

**8) What is the output of the following assignment operator?**

In [9]:

```
y = 10
x = y += 2
print(x)
```

File "C:\Users\SOWMYA~1\AppData\Local\Temp\ipykernel\_4964\971796564.py", line 2

```
    x = y += 2
          ^
```

**SyntaxError:** invalid syntax

**9) What is the output of print (2 \* 3 \*\* 3 \* 4)**

In [10]:

```
print (2 * 3 ** 3 * 4)
```

216

## 10) Which of the following operators has the highest precedence?

Ans: Parentheses :The precedence order in Python follows PEDMAS, i.e. Parentheses, Exponential, Division, Multiplication, Addition, Subtraction.

## 11) What is the output of print(10 - 4 \* 2) ?

In [11]:

```
print(10 - 4 * 2)
```

2

## 12) What is the output of the following code:

In [12]:

```
x = 6
y = 2
print(x ** y)
print(x // y)
```

36

3

In [ ]: