

Started on Wednesday, 14 August 2024, 12:04 PM**State** Finished**Completed on** Wednesday, 14 August 2024, 12:18 PM**Time taken** 14 mins 1 secQuestion **1**

Complete

Marked out of 1.00

What will be the output of the following statement?**`print(15 + 20 / 5 + 3 * 2 - 1)`**

- ☒ a. 24.0
- ☐ b. 12
- ☐ c. 19
- ☐ d. 19.0

Question **2**

Complete

Marked out of 1.00

What is the output of the following expression?**`z=2`****`z**=3`****`print(z)`**

- ☐ a. 8
- ☒ b. Error
- ☐ c. 0
- ☐ d. 3

Question **3**

Complete

Marked out of 1.00

Which among the following list of operators has the highest precedence?

+ , - , ** , % , / , << , >> , |

- ☒ a. **
- ☐ b. %
- ☐ c. |
- ☐ d. << , >>

Question **4**

Complete

Marked out of 1.00

What will be the value of x in the following Python expression, if the result of that expression is 2?

x>>2

- ☐ a. 4
- ☒ b. 8
- ☐ c. 1
- ☐ d. 2

Question **5**

Complete

Marked out of 1.00

What is the output of the following assignment operator?

y = 10

x = y += 2

print(x)

- ☐ a. 14
- ☐ b. Syntax Error
- ☒ c. 12
- ☐ d. 10

Question **6**

Complete

Marked out of 1.00

Which is the following is an Arithmetic operator in Python?

1. // (floor division) operator
2. & (binary and) operator
3. ~ (navigation) operator
4. >> (right shift) operator

- ☒ a. 1
- ☐ b. 2
- ☐ c. 3
- ☐ d. 4

Question **7**

Complete

Marked out of 1.00

What is the order of precedence in python?

1. **Multiplication**
2. **Division**
3. **Parentheses**
4. **Addition**
5. **Exponentiation**

- ☐ a. **1,5,2,4,3**
- 3,1,2,4,5**
- ☐ b. **1,2,3,4,5**
- ☐ c. **3,1,2,4,5**
- ☒ d. **3,5,1,2,4**

Question **8**

Complete

Marked out of 1.00

Which of the following statements assigns the value 35 to the variable x in Python:

- ☐ a. **`x ← 35`**
- ☐ b. **`x := 35`**
- ☒ c. **`x = 35`**
- ☐ d. **`int x = 35`**

Question **9**

Complete

Marked out of 1.00

What is the output of the following code

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

- ☐ a.
 - True True False False
- ☒ b.
 - False True True True
- ☐ c.
 - False True False True
- ☐ d.
 - True True False True

Question **10**

Complete

Marked out of 1.00

What is the output of the following code

```
x = 4
```

```
y = 10
```

```
print(x % y)
```

- ☒ a. 4
- ☐ b. 10
- ☐ c. 6
- ☐ d. 1

Question **11**

Complete

Marked out of 1.00

What is the output of the following code

```
x = ["apple", "banana", "cherry"]
```

```
#display the data type of x:
```

```
print(type(x))
```

- ☐ a. `<class 'float'>`
- ☐ b. `<class 'int'>`
- ☒ c. `<class 'list'>`
- ☐ d. `<class 'complex'>`

Question **12**

Complete

Marked out of 1.00

Which of the following type of Python operator will only print True or False in output when we use it in our program?

- ☐ a. Comparison Operator
- ☐ b. Assignment Operator
- ☒ c. Membership Operator
- ☐ d. Arithmetic Operator

Question **13**

Complete

Marked out of 1.00

What is the output of the following code

x = 5**y = 3****print(x == y)**

- ☐ a. Error
- ☐ b. True
- ☐ c. False
- ☒ d. 5==3

Question **14**

Complete

Marked out of 1.00

What is the value of the expression

```
print(100 / 25)
```

```
print(100//25)
```

- ☒ a. 4.0
4
- ☐ b. 4
4
- ☐ c. 4.0
4.00
- ☐ d. 4.0
4.0

Question **15**

Complete

Marked out of 1.00

What will be the output of statement `22**2**2`**

- ☒ a. 256
- ☐ b. 16
- ☐ c. 65536
- ☐ d. 32768