

Started on Wednesday, 7 August 2024, 12:55 PM**State** Finished**Completed on** Wednesday, 7 August 2024, 1:17 PM**Time taken** 22 mins 6 secsQuestion **1**

Complete

Marked out of 1.00

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

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

Question **2**

Complete

Marked out of 1.00

Which among the following list of operators has the highest precedence?**`+, -, **, %, /, <<, >>, |`**

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

Question **3**

Complete

Marked out of 1.00

What is the output of the following code: `print 11//2?`

- ☐ a. Error
- ☒ b. 5
- ☐ c. 5.0
- ☐ d. 5.5

Question **4**

Complete

Marked out of 1.00

What is the output of the following code

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

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

Question **5**

Complete

Marked out of 1.00

Which of the following is an Arithmetic operator in Python?

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

- ☐ a. 2
- ☐ b. 3
- ☐ c. 4
- ☒ d. 1

Question **6**

Complete

Marked out of 1.00

What is the output of the following code

```
x = 1j
```

```
#display x:
```

```
print(x)
```

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

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

- ☐ a. 1j.0
<class 'float'>
- ☐ b. 1j
<class 'object'>
- ☐ c. 1
<class 'int'>
- ☒ d. 1j
<class 'complex'>

Question **7**

Complete

Marked out of 1.00

What is the value of the expression $1+2**3*4+12*((100+4)*10-200//10)$?

- ☐ a. -23679
- ☒ b. 12273
- ☐ c. 12493
- ☐ d. -24568

Question **8**

Complete

Marked out of 1.00

Which of the following is not a valid variable name in Python?

- ☐ a. **var_name**
- ☐ b. **_var**
- ☐ c. **var11**
- ☒ d. **5var**

Question **9**

Complete

Marked out of 1.00

An identifier can have a maximum length of ----- characters in Python.

- ☒ a. 79
- ☐ b. 50
- ☐ c. 7
- ☐ d. 31

Question **10**

Complete

Marked out of 1.00

What is the output of the following code

```
x = 8
y = 2
print(x ** y)
print(x // y)
```

- ☒ a. 64
4
- ☐ b. 0
64
- ☐ c. 64
0
- ☐ d. 64
8
4

Question **11**

Complete

Marked out of 1.00

What is the value of the expression

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

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

Question **12**

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. 12
- ☒ c. Syntax Error
- ☐ d. 10

Question **13**

Complete

Marked out of 1.00

What is the output of the following expression?

```
z=2
```

```
z**=3
```

```
print(z)
```

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

Question **14**

Complete

Marked out of 1.00

What is the two's complement of -44?

- ☐ a. 1011011
- ☐ b. 11101011
- ☐ c. 10110011
- ☒ d. 11010100

Question **15**

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