



CS23336-Introduction to Python Programming

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Time taken 15 mins 39 secs

Question 1

Complete

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Question text

What is the output of the following code

```
x = 1j
```

```
#display x:
```

```
print(x)
```

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

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

Question 1 Answer

☐

a.

```
1
```

```
<class 'int'>
```

☐

b.

```
1j.0
```

```
<class 'float'>
```

☐

c.

```
1j
```

```
<class 'object'>
```

☒

d.

```
1j
```

```
<class 'complex'>
```

Question 2

Complete

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Question text

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

Question 2 Answer

☐

a.

5.0

☐

b.

5

☒

c.

Error

☐


d.

5.5

Question 3

Complete

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Question text

What is the output of the following code

x = 5

y = 3

print(x == y)

Question 3 Answer

☐

a.

Error

☐

b.

5==3

☒

c.


False

☐

d.

True

Question 4

Complete
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Question text


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

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

Question 4 Answer

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

Question 5

Complete
Marked out of 1.00
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Question text


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

`x>>2`

Question 5 Answer

- ☒ a.
4
- ☐ b.
2
- ☐ c.
1
- ☐ d.
8

Question 6

Complete
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Question text

What will be the output of the following statement?

```
print(15 + 20 / 5 + 3 * 2 - 1)
```

Question 6 Answer

☐

a.

12

☐

b.

19

☒

c.

24.0

☐


d.

19.0

Question 7

Complete

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Question text

What is the two's complement of -44?

Question 7 Answer

☐

a.

10110011

☐

b.

11101011

☒

c.

11010100

☐


d.

1011011

Question 8

Complete

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Question text

What is the order of precedence in python?

1. **Multiplication**

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

Question 8 Answer

☐

a.

3,1,2,4,5

☐

b.

1,2,3,4,5

☐

c.

1,5,2,4,3

3,1,2,4,5

☒


d.

3,5,1,2,4

Question 9

Complete

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☐  Flag question

Question text

What is the output of the following code

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

```
y = ["apple", "banana"]
```

```
z = x
```

```
print(x is z)
```

```
print(x is y)
```

```
print(x == y)
```

Question 9 Answer



a.

True

True

True



b.

True

False

True



c.

False

False

True



d.

True


False

False

Question 10

Complete

Marked out of 1.00

☐  Flag question

Question text

In the Python statement $x = a + 6 - c - d$:

- a and b are _____
- $a + 6 - c - d$ is _____

Question 10 Answer



a.

operands, an expression



b.

operators, a statement



c.

operands, an equation




d.

terms, a group

Question 11

Complete

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☐  Flag question

Question text

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

Question 11 Answer

☐

a.

x ← 35

☐

b.

int x = 35

☒

c.

x = 35

☐


d.

x := 35

Question 12

Complete

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☐  Flag question

Question text

State the output of the following code.

```
num1 = '10'
```

```
num2 = '20'
```

```
sum = num1 + num2
```

```
print(sum)
```

Question 12 Answer

☒

a.

1020

☐

b.

Error

☐

c.

10

☐


d.

30

Question 13

Complete

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Question text

What is the value of the expression

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

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

Question 13 Answer

☒

a.

4.0

4

☐

b.

4.0

4.0

☐

c.

4.0

4.00

☐

d.


4

4

Question 14

Complete

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Question text

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

Question 14 Answer



a.

1



b.

2



c.

3



d.

4

Question 15

Complete

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Question text

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

Question 15 Answer



a.

Arithmetic Operator



b.

Assignment Operator



c.

Comparison Operator



d.

Membership Operator

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