CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
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Question text

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

---Question 1 Answer---

○
a.

256

○
b.

32768

◉
c.

65536

○
d.

16

Question 2

Complete
Marked out of 1.00
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Question text

What is the output of the following code

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

 #display the data type of x:

print(type(x))

---Question 2 Answer---

○
a.

<class 'float'>

○
b.

<class 'int'>

◉
c.

<class 'list'>

○
d.

<class 'complex'>

Question 3

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 3 Answer─────────────────────────────
○
a.

2

◉
b.

8

○
c.

4

○
d.

1
└──

Question 4

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 4 Answer

○ a.

2

○ b.

4

○ c.

3

◉ d.

1

Question 5

Complete
Marked out of 1.00
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Question text

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

Question 5 Answer

○ a.

var_name

○ b.

var11

◉ c.

5var

○ d.

_var

Question 6

Question text

What is the output of the following expression?

z=2

z**=3

print(z)

---Question 6 Answer---

○
a.

3

◉
b.

Error

○
c.

8

○
d.

0

Question 7

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 7 Answer---

○
a.

**1j.0
<class 'float'>**

○
b.

**1j
<class 'object'>**

○ c.

lj
<class 'complex'>

○ d.

l
<class 'int'>

Question 8

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 8 Answer─────────────────────────────────
○
a.

operators, a statement

○
b.

operands, an expression

○
c.

terms, a group

◉
d.

operands, an equation
└──

Question 9

Complete
Marked out of 1.00
⬛Flag question

Question text

What is the output of the following code

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

┌─Question 9 Answer─────────────────────────────────
○
a.

64

8

4

○
b.

0

64

○
c.

64

0

◉
d.

64

4

Question 10

Complete
Marked out of 1.00
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Question text

State the output of the following code.

num1 = '10'

num2 = '20'

sum = num1 + num2

print(sum)

┌─Question 10 Answer─────────────────────────────────
│ ○
│ a.
│
│ 30
│
│ ◉
│ b.
│
│ 1020
│
│ ○
│ c.
│
│ 10
│
│ ○
│ d.
│
│ Error
└──

Question 11

Complete
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Question text

What is the two's complement of -44?

Question 12

Complete
Marked out of 1.00
⚑Flag question

Question text

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

─Question 12 Answer─

○ a.

7

○ b.

31

○ c.

50

◉ d.

79

Question 13

Complete
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⚑Flag question

Question text

What is the output of the following code

x = 4

y = 10

print(x % y)

○
a.

6

○
b.

1

◉
c.

4

○
d.

10

Question 14

Complete
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❓Flag question

Question text

What is the order of precedence in python?

1. **Multiplication**

2. **Division**

3. **Parentheses**

4. **Addition**

5. **Exponentiation**

○
a.

3,1,2,4,5

◉
b.

3,5,1,2,4

○
c.

1,2,3,4,5

○
d.

1,5,2,4,3

 3,1,2,4,5

Question 15

Complete
Marked out of 1.00
Flag question

Question text

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

┌─ Question 15 Answer ─────────────────
○
a.

-24568

○
b.

-23679

○
c.
12493
◉
d.

12273
└──────────────────────────────────────

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