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REC-OCATS-1 REC-OCATS-1

CS23336-Introduction to Python Programming

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Question 1

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code

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

Question 1 Answer

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

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"]
y = ["apple", "banana"]
z = x
print(x is x)
print(x is y)
print(x == y)
```

Question 2 Answer

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

Question 3

Complete
Marked out of 1.00
Flag question

Question text

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

Question 3 Answer

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

Question 4

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 4 Answer

- ☐ a. 0
- ☐ b. 64
- ☐ c. 64
- ☐ d. 4

Question 5

Complete
Marked out of 1.00
Flag question

Question text

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

Question 5 Answer

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

Question 6

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code

```
x = 4
y = 10
print(x % y)
```

Question 6 Answer

- ☒ a. 4
- ☐ b. 1
- ☐ c. 10
- ☐ d. 6

Question 7

Complete
Marked out of 1.00
Flag question

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 7 Answer

- ☐ a. 2
- ☐ b. 4
- ☐ c. 1
- ☒ d. 8

Question 8

Complete
Marked out of 1.00
Flag question

Question text

What is the value of the expression

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

Question 8 Answer

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

Question 9

Complete
Marked out of 1.00
Flag question

Question text

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

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

Question 9 Answer

- ☐ a. terms, a group
- ☐ b. operators, a statement
- ☒ c. operands, an expression
- ☐ d. operands, an equation

Question 10

Complete
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Flag question

Question text

What is the output of the following code

```
x = ["apple", "banana", "cherry"]
#display the data type of x:
print(type(x))
```

Question 10 Answer

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

Question 11

Complete
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Flag question

Question text

What is the output of the following assignment operator?

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

Question 11 Answer

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

Question 12

Complete
Marked out of 1.00
Flag question

Question text

What is the order of precedence in python?

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

Question 12 Answer

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

Question 13

Complete
Marked out of 1.00
Flag question

Question text

What is the output of the following code: print 11//22

Question 13 Answer

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

Question 14

Complete
Marked out of 1.00
Flag question

Question text

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

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

Question 14 Answer

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

Question 15

Complete
Marked out of 1.00
Flag question

Question text

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

Question 15 Answer

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

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