Started on	Wednesday, 14 August 2024, 12:14 PM
State	Finished
Completed on	Wednesday, 14 August 2024, 12:21 PM
Time taken	6 mins 34 secs

Question **1**

Complete

Marked out of 1.00

What is the output of the following assignment operator?

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

- ⦿ a.   Syntax Error
- ◯ b.   14
- ◯ c.   12
- ◯ d.   10

Question **2**

Complete

Marked out of 1.00

State the output of the following code.

num1 = '10'

num2 = '20'

sum = num1 + num2

print(sum)

- ◯ a.   30
- ◯ b.   Error
- ◯ c.   10
- ⦿ d.   1020

Question **3**

Complete

Marked out of 1.00

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

- a.   32768
- b.   16
- c.   65536
- ● d.   256

Question **4**

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.   64

     0

- c.   0

     64

- d.   64

     8

     4

Question **5**

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 'complex'>**

◉ b.

<class 'list'>

○ c. **<class 'float'>**

○ d. **<class 'int'>**

Question **6**

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. **int x = 35**

○ c. **x := 35**

◉ d. **x = 35**

Question **7**

Complete

Marked out of 1.00

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

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

Question **8**

Complete

Marked out of 1.00

What is the output of the following code

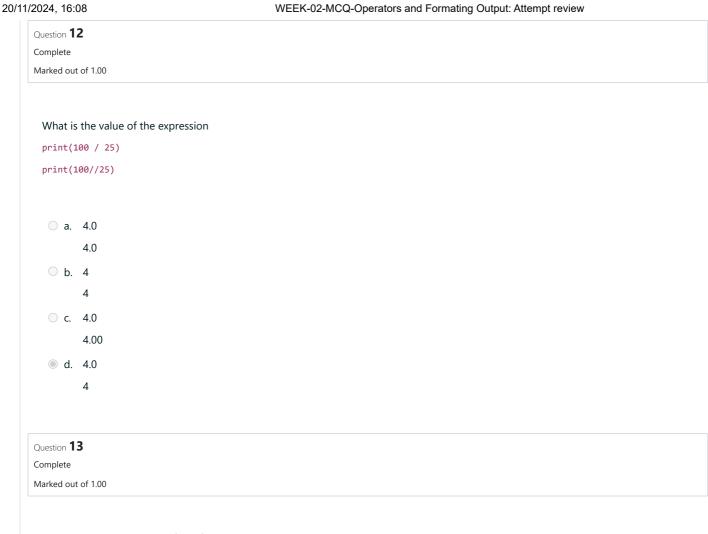**x = 4**

  y = 10

print(x % y)

- a. 1
- b. 6
- c. 4
- d. 10

Question **9**

Complete

Marked out of 1.00

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

- a. **var_name**

- b. **5var**

- c. **var11**

- d. **_var**

Question **10**

Complete

Marked out of 1.00

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

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

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

Question **11**

Complete

Marked out of 1.00

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

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

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

Question **12**

Complete

Marked out of 1.00

What is the value of the expression

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

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

○ a. 4.0

    4.0

○ b. 4

    4

○ c. 4.0

    4.00

◉ d. 4.0

    4

Question **13**

Complete

Marked out of 1.00

What will be the output of the following statement?

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

○ a. 19

○ b. 12

◉ c. 24.0

○ d. 19.0

Question **14**

Complete

Marked out of 1.00

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)

○ a. **True**
    True
    True

◉ b. **True**
    False
    True

○ c. **False**
    False
    True

○ d. **True**
    False
    False

Question **15**

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. **lj**
    <class 'complex'>

○ b. **lj.0**
    <class 'float'>

○ c. **l**
    <class 'int'>

○ d. **lj**
    <class 'object'>