Started on	Thursday, 28 March 2024, 1:05 PM
State	Finished
Completed on	Thursday, 28 March 2024, 1:32 PM
Time taken	26 mins 31 secs
Grade	**8.00** out of 15.00 (**53.33**%)

Question **1**

Incorrect

Mark 0.00 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. **False**
     False
     True

○ b. **True**
     False
     True

○ c. **True**
     False
     False

◉ d. **True** ✗
     True
     True

Your answer is incorrect.

The correct answer is:
True
False
True

Question **2**

Correct

Mark 1.00 out of 1.00

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

- ○ a.　Comparison Operator ✓
- ○ b.　Arithmetic Operator
- ○ c.　Assignment Operator
- ○ d.　Membership Operator

Your answer is correct.

The correct answers are:

Membership Operator,

Comparison Operator

Question **3**

Incorrect

Mark 0.00 out of 1.00

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

- ○ a.　**var11**
- ○ b.　**5var**
- ○ c.　**_var** ✗
- ○ d.　**var_name**

Your answer is incorrect.

The correct answer is:

5var

Question **4**

Incorrect

Mark 0.00 out of 1.00

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

- ○ a. 16
- ○ b. 65536
- ○ c. 32768
- ◉ d. 256 ✗

Your answer is incorrect.

The correct answer is:
65536

Question **5**

Correct

Mark 1.00 out of 1.00

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

- ○ a. 2
- ○ b. 4
- ○ c. 3
- ◉ d. 1 ✓

Your answer is correct.

The correct answer is:
1

Question **6**

Correct

Mark 1.00 out of 1.00

What is the two's complement of -44?

- ○ a.   11010100 ✓
- ○ b.   1011011
- ○ c.   10110011
- ○ d.   11101011

Your answer is correct.

The correct answer is:
11010100

Question **7**

Correct

Mark 1.00 out of 1.00

What will be the output of the following statement?

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

- ○ a.   24.0 ✓
- ○ b.   19
- ○ c.   12
- ○ d.   19.0

Your answer is correct.

The correct answer is:
24.0

Question **8**

Incorrect

Mark 0.00 out of 1.00

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

○ a.   **x := 35**

○ b.   **x = 35**

○ c.   **x ← 35**

◉ d.   **int x = 35** ✗

Your answer is incorrect.

The correct answer is:

x = 35

Question **9**

Correct

Mark 1.00 out of 1.00

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.   **1,2,3,4,5**

c.   **3,5,1,2,4** ✓

d.   **1,5,2,4,3**

      3,1,2,4,5

Your answer is correct.

The correct answer is:

3,5,1,2,4

Question **10**

Correct

Mark 1.00 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 expression ✓

○ b.   terms, a group

○ c.   <u>operators</u>, a statement

○ d.   operands, an equation

Your answer is correct.

The correct answer is:
operands, an expression

Question **11**

Incorrect

Mark 0.00 out of 1.00

What is the output of the following code

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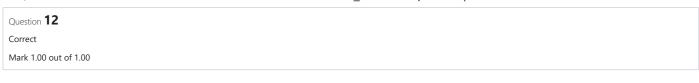
 #display the data type of x:

print(type(x))

- a. **<class 'complex'>**

- b. **<class 'float'>** ✗

- c.
  <class 'list'>

- d. **<class 'int'>**

Your answer is incorrect.

The correct answer is:

<class 'list'>

Question **12**

Correct

Mark 1.00 out of 1.00

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

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

○ a. ** ✔

○ b. <<, >>

○ c. %

○ d. |

Your answer is correct.

The correct answer is:
**

Question **13**

Incorrect

Mark 0.00 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 False True

○ b.
   - True True False True ✗

○ c.
   - True True False True

○ d.
   - False True True True

Your answer is incorrect.

The correct answer is:

   - False True True True

Question **14**

Correct

Mark 1.00 out of 1.00

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

○ a.   12273 ✓

○ b.   -23679

○ c.   12493

○ d.   -24568

Your answer is correct.

The correct answer is:

12273

Question **15**

Incorrect

Mark 0.00 out of 1.00

State the output of the following code.

num1 = '10'

num2 = '20'

sum = num1 + num2

print(sum)

○ a.   1020 ✗

○ b.   Error

○ c.   10

○ d.   30

Your answer is incorrect.

The correct answer is:
Error

◄ Operators

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