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Python Institute PCAP-31-03

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QUESTION NO: 1

Which line can be used instead of the comment to cause the snippet to produce the following expected output? (Select two answers)

Expected output:

1 2 3

Code:

```
c, b, a = 1, 3, 2
# put line here
print (a, b, c)
```

- A. c, b, a = b, a, c
- B. c, b, a = a, c, b
- C. a, b, c = c, a, b
- D. a, b, c = a, b, c

ANSWER: A C**QUESTION NO: 2**

Assuming that the following code has been executed successfully, select the expressions which evaluate to True (Select two answers)

```
var = 1

def f():
    global var
    var += 1
    def g():
        return var
    return g

a = f()
b = f()
```

- A. a is b
- B. b() > 2
- C. a() > 2
- D. a is not None

ANSWER: B C D

QUESTION NO: 3

What is true about Object-Oriented Programming in Python? (Select two answers)

- A. encapsulation allows you to protect some data from uncontrolled access
- B. the arrows on a class diagram are always directed from a superclass towards its subclass
- C. inheritance is the relation between a superclass and a subclass
- D. an object is a recipe for a class

ANSWER: A C

QUESTION NO: 4

How many elements will the list1 list contain after execution of the following snippet?

- A. two
- B. zero
- C. one
- D. three

ANSWER: A**QUESTION NO: 5**

What is the expected behavior of the following code?

```
x - 3 % 1
```

```
y -1 if x > else 0
```

```
print (y)
```

- A. it outputs -1
- B. the code is erroneous and it will not execute
- C. it outputs 1
- D. it outputs 0

ANSWER: D**QUESTION NO: 6**

A Python module named pymod.py contains a variable named pyvar.

Which of the following snippets will let you access the variable? (Select two answers)

- A. `import pyvar from pymod pyvar = 1`
- B. `from pymod import pyvar = 1`
- C. `from pymod import pyvar pyvar ()`
- D. `import pymod pymod.pyvar = 1`

ANSWER: A D

QUESTION NO: 7

What is the expected behavior of the following code?

```
the_string = ','.join(('alpha', 'omega'))
the_list = the_string.split(',')
print(',' in the_list)
```

- A. It outputs False
- B. It outputs nothing
- C. It outputs True
- D. It raises an exception

ANSWER: A**QUESTION NO: 8**

A method for passing the arguments used by the following snippet is called:

```
def fun (a, b):
    return a + b

res = fun (1, 2)
```

- A. sequential
- B. named
- C. positional
- D. keyword

ANSWER: C**QUESTION NO: 9**

Executing the following snippet

```
dct = { 'pi': 3.14}
dct ['pi'] = 3.1415
```

will cause the dct:

- A. to hold two keys named 'pi' linked to 3.14 and 3.1415 respectively
- B. to hold two key named 'pi' linked to 3.14 and 3.1415
- C. to hold one key named 'pi' linked to 3.1415
- D. to hold two keys named 'pi' linked to 3.1415

ANSWER: C

QUESTION NO: 10

Which of the following expressions evaluate to True? (Select two answers)

- A. `11 == '011'`
- B. `3 * 'a' < 'a' * 2`
- C. `'abc'.upper() < 'abc'`
- D. `'1' + '2' * 2 != 2 '12'`

ANSWER: C D