



Free Questions for PCAP-31-03 by vceexamstest

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Question 1

Question Type: MultipleChoice

You need data which can act as a simple telephone directory. You can obtain it with the following clauses (choose two relevant variants; assume that no other items have been created before)

Options:

- A- dir={'Mom':5551234567, 'Dad':5557654321}>
- B- dir={'Mom':'5551234567', * Dad':'5557654321'}
- C- dir={Mom:5551234567, Dad:5557654321}
- D- dir={Mom:'5551234567', Dad:'5557654321'}

Answer:

C, D

Question 2

Question Type: MultipleChoice

What would you use instead of XXX if you want to check whether a certain 'key' exists in a dictionary called diet? (Select two answers)

II

if XXX:

print("Key exists")

Options:

A- 'key' in diet

B- diet['key'] != None

C- diet.exists('key')

D- 'key' in diet.keys()

Answer:

A, D

Question 3

Question Type: MultipleChoice

How many elements will the list2 list contain after execution of the following snippet?

```
list1 = [False for i in range (1, 10) ]
```

```
list2 = list1 [-1:1:-1]
```

Options:

A- zero

B- five

C- seven

D- three

Answer:

C

Question 4

Question Type: MultipleChoice

Assuming that String is six or more letters long, the following slice

String[1:-2]

is shorter than the original string by:

Options:

A- four chars

B- three chars

C- one char

D- two chars

Answer:

B

Question 5

Question Type: MultipleChoice

Which of the following sentences are true? (Select two answers)

Options:

- A- lists may not be stored inside tuples
- B- tuples may be stored inside lists
- C- tuples may not be stored inside tuples
- D- lists may be stored inside lists

Answer:

B, D

Question 6

Question Type: MultipleChoice

Assuming that the following snippet has been successfully executed, which of the equations are False? (Select two answers)

```
a=[0]
b=a [:]
a[0]=1
```

Options:

A- len(a)== len (b)

B- a [0]-1 ==b [0]

C- a[0] = b[0]

D- b[0] - 1 == a[0]

Answer:

A, B

Explanation:

```
>>> print(len(a)==len(b))
```

True

```
>>> print(a[0]-1==b[0])
```

True

```
>>> print(a[0]==b[0])
```

False

```
>>> print(b[0]-1 == a[0])
```

False

Question 7

Question Type: MultipleChoice

Assuming that the following snippet has been successfully executed, which of the equations are True? (Select two answers)


```
a = [1]
b = a
a[0] = 0
```

Options:

- A- $\text{len}(a) == \text{len}(b)$
- B- $b[0] - 1 == a[0]$
- C- $a[0] == b[0]$
- D- $a[0] + 1 == b[0]$

Answer:

B, D

Question 8

Question Type: MultipleChoice

Which of the following literals reflect the value given as 34.23? (select two answers)

Options:

A- .3423e2

B- 3423e-2

C- .3423e-2

D- 3423e2

Answer:

A, B

Question 9

Question Type: MultipleChoice

How many lines does the following snippet output?

```
for i in range (1, 3):  
    print (“*”, end= “”)  
else:  
    print (“*”)
```

Options:

- A- three
- B- one
- C- two
- D- four

Answer:

A

Question 10

Question Type: MultipleChoice

What is the output of the following piece of code?

```
a= 'ant'  
b= "bat"  
c= 'camel'  
print (a, b, c, sep= '')
```

Options:

- A- ant'bat'camel
- B- ant'bat'camel
- C- antbatcamel
- D- ant bat camel

Answer:

B

Question 11

Question Type: MultipleChoice

A compiler is a program designed to (select two answers)

Options:

- A- rearrange the source code to make it clearer
- B- check the source code in order to see if its correct
- C- execute the source code
- D- translate the source code into machine code

Answer:

B, D

Explanation:

<https://www.thoughtco.com/what-is-a-compiler-958322>

Question 12

Question Type: MultipleChoice

The following expression

$1+-2$

is:

Options:

A- equal to 1

B- invalid

C- equal to 2

D- equal to -1

Answer:

D

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