Free Questions for PCAP-31-03 by certscare

Shared by Vaughan on 09-08-2024

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Question 1

Question Type: MultipleChoice

Assuming that the following inheritance set is in force, which of the following classes are declared properly? (Select two answers)

```
class A:
    pass

class B(A):
    pass

class C(A):
    pass

class D(B):
    pass
```

Options:

A- class Class_4 (D, A) : pass

B- class Class_1(C,D): pass

C- class Class_3(A,C): pass

D- class Class_2(B,D): pass

Answer:

A, B

Question 2

Question Type: **MultipleChoice**

Assuming that the code below has been placed inside a file named code.py and executed successfully, which of the following expressions evaluate to True? (Select two answers)

```
class ClassA:
    var = 1
    def __init__(self, prop):
        prop1 = prop2 = prop

class ClassB(ClassA):
    def __init__(self, prop):
        prop3 = prop ** 2
        super().__init__(prop)

Object = ClassB(2)
```

Options:

A- str(Object) == 'Object'

B- _name == _main_'

C- ClassA. _module_ == 'ClassA'

D- len(ClassB.__bases__) == 1

Answer:

B, D

Question 3

Question Type: MultipleChoice

Assuming that the snippet below has been executed successfully, which of the following expressions will evaluate to True? (Select two answers)

string = 'python' [::2]

string = string[-1] + string[-2]

Options:

A- string[0] == string[-1]

B- string is None

C- len (string] == 3

D- string[0] == 'o'

Answer:

B, C

Question 4

Question Type: MultipleChoice

Which of the following snippets will execute without raising any unhandled exceptions? (Select answers)

A)

```
try:
    print(int("0"))
except NameError:
    print("0")
else:
    print(int(""))
```

B)

```
try:
    print(0/0)
except:
    print(0/1)
else:
    print(0/2)
```

C)

```
import math

try:
    print(math.sqrt(-1))
except:
    print(math.sqrt(0))
else:
    print(math.sqrt(1))
```

D)

```
try:
    print(float("1e1"))
except (NameError, SystemError):
    print(float("1a1"))
else:
    print(float("1c1"))
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

B, C, D

Question 5

Question Type: MultipleChoice

What is true about the following snippet? (Select two answers)

```
class E(Exception):
    def __init__(self, message):
        self.message = message
    def __str__(self):
        return "it's nice to see you"


try:
    print("I feel fine")
    raise Exception("what a pity")
except E as e:
    print(e)
else:
    print("the show must go on")
```

Options:

A- the code will raise an unhandled exception

B- the string I feel fine 'will be seen

C- the string it's nice to see you will be seen

D- the string what a pity will be seen

Answer:

B, D

Question 6

Question Type: MultipleChoice

Which one of the platform module functions should be used to determine the underlying platform name?

Options:

A- platform.uname ()

B- platform.platform ()

C- platform.python_version()

D- platform.processor()

Answer:

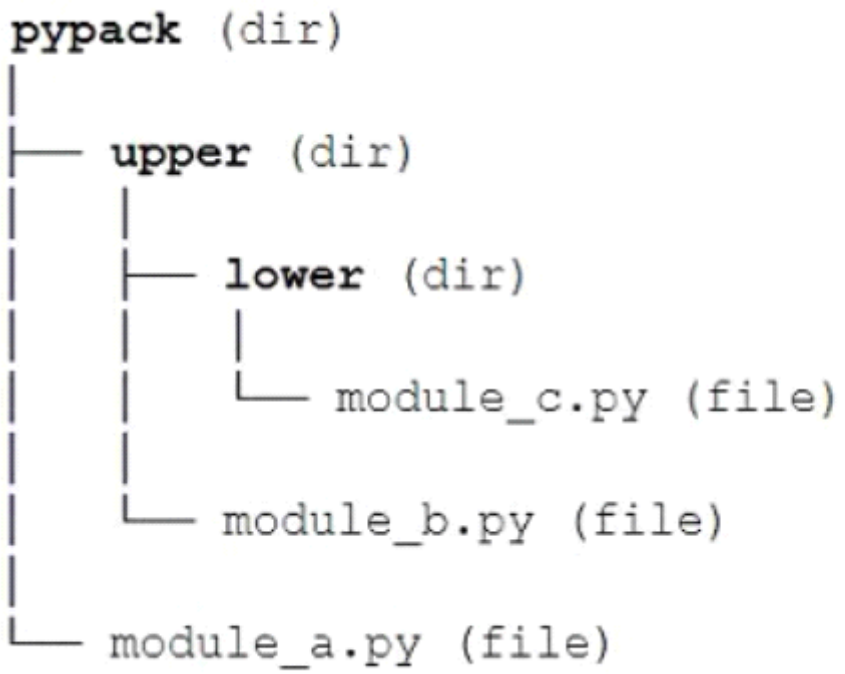
C

Question 7

Question Type: **MultipleChoice**

With regards to the directory structure below, select the proper forms of the directives in order to import module_

a. (Select two answers)



Options:

A- import pypack.module_a

B- import module_a from pypack

C- import module_a

D- from pypack import module_a

Answer:

A, D

Question 8

Question Type: MultipleChoice

Assuming that the code below has been executed successfully, which of the following expressions will always evaluate to True? (Select two answers)

```
import random

v1 = random. random()

v2 = random. random()
```

Options:

A- len(random.sample([1,2,3],2)) > 2

B- v1 == v2

C- random.choice([1,2,3]) >=1

D- v1 >= 1

Answer:

B, C

Question 9

Question Type: MultipleChoice

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)

Options:

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 10

Question Type: MultipleChoice

What is the expected out of the following code of the file named zero_length_existing_file is a zero-length file located inside the working directory?

```
try:
    f = open('zero_length_existing_file', 'rt')
    d = f.readline()
    print(len(d))
    f.close()
except IOError:
    print(-1)
```

Options:

A- 0

B- -1

C- an errno value corresponding to file not found

D- 2

Answer:

A

Question 11

Question Type: **MultipleChoice**

Which of the following lines of code will work flawlessly when put independently inside the add_new () method in order to make the snippet's output equal to [0, 1, 21 ? (Select two answers)

```
class MyClass:
    def __init__(self, size):
        self.queue = [i for i in range(size)]

    def get(self):
        return self.queue

    def get_last(self):
        return self.queue[-1]

    def add_new(self):
        # insert the line of code here

Object = MyClass(2)
Object.add_new()
print(Object.get())
```

Options:

A- self.queue.append(get_last() + 1)

B- queue.append(self.get last () + 1)

C- self.queue.append(self.queue[+1]

D- self.queue.append(self.get last() +1)

Answer:

D

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