DUMPSQUEEN

GIAC Python Coder (GPYC)

GIAC GPYC

Version Demo

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QUESTION NO: 1

What is the output of the following when executed in a Python shell?

```
>>> listoflists = [[1,2],[3,4]]

>>> copyoflists = list(listoflists)

>>> copyoflists.append([5,6])

>>> copyoflists

[[1, 2], [3, 4], [5, 6]]

>>> copyoflists[0].append(2.5)

>>> copyoflists

[[1, 2, 2.5], [3, 4], [5, 6]]

>>> listoflists
```

A. [[1, 2, 2.5], [3, 4], [5, 6]]

B. [[1, 2], [3, 4], [5, 6]]

C. [[1, 2], [3, 4]]

D. [[1, 2, 2.5], [3, 4]]

ANSWER: D

QUESTION NO: 2

When creating a new socket using the Python "sockets" module, which of the following parameters is used to specify the socket will send and receive TCP traffic? (Choose two)

A. socket.SOCK_STREAM

B. socket.AF_INET

C. socket.SOCK_DGRAM

D. socket.socket

ANSWER: A B

QUESTION NO: 3

What would be the result of the following code in Python?

```
registry_key = reg_handle.open("Microsoft\Windows NT\CurrentVersion")

map(lambda x: x.path(), registry_key.subkeys())
```

A. The path of each subkey under Microsoft\Windows NT\CurrentVersion

B. A tuple containing the name, value, and type of each subkey under Microsoft\Windows NT \CurrentVersion

C. The full registry path of the CurrentVersion key

D. A handle to the Microsoft\Windows NT\CurrentVersion

ANSWER: B

QUESTION NO: 4

What is the cause of the error shown below?

```
>>> x=re.match("th","this is the test")

Traceback (most recent call last):
File "<stdin>", line 1, in <module> NameError: name 're' is not
defined</module></stdin>
```

A. A syntax error

B. The re module hasn't been imported

C. A bad file name

D. The stdin module hasn't been imported

ANSWER: B

QUESTION NO: 5

What happens if a programmer fails to build exception handling into a program, and the program encounters an unexpected error condition?

A. The interpreter will ignore the error and move to the next line.

B. The application will print a warning to the console and continue to the end

C. The computer will "fuzz" input until it finds one that generates no error

D. The application will terminate immediately or after resources are exhausted

ANSWER: B

QUESTION NO: 6

Review the following Python code:

```
hr = set(['Smith','Johnson','Williams','Jones'])

it = set(['Johnson','Jones','Brown'])

x = hr.intersection(it)
```

A. 'Jones', 'Johnson'

B. 'Brown', 'Williams'

C. 'Brown', 'Jones', 'Johnson', 'Williams'

D. 'Johnson', 'Johnson', 'Williams', 'Jones', 'Jones', 'Brown'

ANSWER: A