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QUESTION & ANSWER

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Exam : GPYC

Title : GIAC Python Coder (GPYC)

Version : DEMO

1. Which of the following will be the value of the variable y?

```
>>> x = {'a': [1, 2, [3,4]], 'b': [[5, 6], 7]}
>>> y = x ['b'] [0] [1]
```

A. 7
B. y has no value. The following error occurred: IndexError: list index out of range
C. 6
D. y has no value. The following error occurred: KeyError: 'b'
Answer: C

2. What are the contents of the variable x when the following is executed in a Python interactive session?

```
x = "So you want a GIAC Certification?"
x.split() [0] [1]
print (x)
```

A. 'So'
B. 'So you'
C. 'So you want a GIAC Certification?'
D. 'So', 'you'
Answer: C

3. Which of the following commands would correct the error in the screenshot?

```
>>> def tcp_flags_as_str(flag):
...  tcp_flags = ['CWR', 'ECE', 'URG', 'ACK', 'PSH', 'RST', 'SYN', 'FIN']
...  return "|".join(list(itertools.compress(tcp_flags,map(int,format(flag
...
>>> tcp_flags_as_str(2)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "<stdin>", line 3, in tcp_flags_as_str
NameError: name 'itertools' is not defined
```

A. import itertools
B. modulus itertools
C. return itertools
D. define itertools
Answer: A

4. A user enters unexpected data into a program.
Which functionality can the programmer use to present an understandable error message to the user?
A. Casting
B. Exception handling
C. Dictionaries
D. Regular expressions

Answer: B

5. A programmer attempts to run the Python program hello.py as follows, but an error occurs. What is the cause of this error?

```
student@573:~$ cat hello.py
print "hello"
student@573:~$ chmod +x hello.py
student@573:~$ ./hello.py
Warning: unknown mime-type for "hello" -- using "application/octet-stream"
Error: no such file "hello"
```

A. hello.py is missing the line #!/usr/bin/python
B. smtp_mime was replaced with Python
C. Python cannot find the script "hello"
D. hello.py is improperly encoded with UTF-16le
Answer: A