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**Vendor:**GIAC

**Exam Code:**GPYC

**Exam Name:**GIAC Python Coder (GPYC)

**Version:**Demo

### QUESTION 1

What is the output of the following line of code typed into a Python interactive session?

```
>>> print ( int ("1111", 2) )
```

- A. 1111
- B. 16
- C. '\\1111\\'
- D. 15

Correct Answer: D

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### QUESTION 2

Which of the following is the output when the following program is executed with a Python Interpreter?

```
>>> a = -10
>>> if a:
...     print(a)
... else:
...     print(-a)
...
...
```

- A. a
- B. 10
- C. -10
- D. -a

Correct Answer: C

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### QUESTION 3

What will the contents of the "\_\_name\_\_" variable be if the program "gpyc.py" is run as a standalone program?

- A. The name of the Python version used to create the module
- B. \_\_main\_\_
- C. The name of the GCC compiler used to compile the module

D. gpyc

Correct Answer: B

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#### QUESTION 4

What will the last value of V be when Python executes the following control loop?

```
for x in range(4, 20, 2):  
  
    print(x)
```

A. 4

B. 20

C. 2

D. 18

Correct Answer: D

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#### QUESTION 5

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

Correct Answer: B

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#### QUESTION 6

Given that mylist = [1,3,2,1,4,5,3] how do you remove all occurrences of the number 1 from the list in Python?

- A. `mylist=[x for x in mylist if x != 1]`
- B. `mylist.remove(1, mylist.count(1))`
- C. `mylist.replace(1, "")`
- D. `mylist.remove(1)`

Correct Answer: A

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### QUESTION 7

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'`

Correct Answer: C

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### QUESTION 8

Variable "traffic" contains a Scapy packet list. A programmer runs the following command:

```
p1=traffic[1]
```

Which of the following describes the contents of `p1`, with respect to the "traffic" packet list?

- A. All Ethernet layer frames
- B. The contents of the second packet
- C. TCP streams with a session ID of 1
- D. The data stored from the first byte onward

Correct Answer: A

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### QUESTION 9

Review the following code. Which of the following would give the results of variable "total"?

```
def addTogether(number1, number2, number3):  
    total=number1+number2+number3  
    return total
```

- A. addTogether()
- B. total()
- C. addTogether( 1,2,3)
- D. total (1,2,3)

Correct Answer: C

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#### QUESTION 10

What will the following code in Python 3 result in?

```
>>> x = 'global x'  
  
>>> def outer_func():  
...     x = 'outer x'  
...     def inner_func():  
...         print(x)  
...     inner_func()  
...     print(x)  
...  
  
>>> outer_func()
```

- A. outer x, outer x
- B. inner x, inner x
- C. global x, outer x
- D. NameError, outer
- E. inner x, outer x

Correct Answer: A

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### QUESTION 11

What would be the string resulting from the following command, considering the string variable "gpyc"?

```
gpyc="Python is a powerful language"
```

```
gpyc[:20][:11:-1]
```

P	y	t	h	o	n		i	s		a		p	o	w	e	r	f	u	l		l	a	n	g	u	a	g	e
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1

- A. nohtyP
- B. powerful
- C. egaugnal lufrewop
- D. lufrewop
- E. powerful python

Correct Answer: D

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### QUESTION 12

When accessing the hard drive directly, how would the character \*B\\' be stored?

Dec: 66

Hex: /x42

Bin: 01000010

Char: B

- A. 01000010
- B. /x42
- C. 66
- D. B

Correct Answer: A