

Latest Version: 6.0

Question: 1

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

Answer: C

Question: 2

During a password guessing attack, which HTTP request method would a Python program most commonly call to submit a username and password to a target website?

- A. OPTIONS
- B. POST
- C. CONNECT

Answer: B

Question: 3

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 x
- E. inner x, outer x

Answer: A

Question: 4

What does the following line of code do?
example=socket.socket(socket.AF_INET,socket.SOCK_DGRAM)

- A. Sends the data stored in the variable socket to the IP address stored in AF_INET
- B. Gets data from all network sockets on the system
- C. Creates an instance of a UDP socket for transmitting or receiving data
- D. Transfers data from the local system to a remote system across the network

Answer: C

Question: 5

What is the output of the following line of code typed into a Python interactive session?
>>> print (8 << 1)

- A. False

- B. 16
- C. SyntaxError: invalid syntax
- D. True

Answer: B

Question: 6

What does the attacker do in a SQL Injection attack?

- A. Obtains an administrative login for a SQL database server
- B. Finds and exploits CVSS-SIG vulnerabilities in a particular version of SQL database
- C. Inject information into an SQL server via an undocumented administrative interface
- D. Submits a string that is interpreted as a SQL database command

Answer: C

Question: 7

With a requests session object named browser, how can the expiration attribute of a cookie named MUID from gpyc.com/ be accessed?

- A.
`browser.cookies._cookies['.gpyc.com/MUID'].expires`
- B.
`browser.cookies._cookies['.gpyc.com'] ['/'] ['MUID'].expires`
- C.
`browser.cookies._cookies.gpyc.com.MUID.expires`
- D.
`browser.cookies.gpyc.com['MUID'].expires`
- E.
`browser.cookies.gpyc.com.MUID.expires`

Answer: A

Question: 8

What does the following command do?
`pip search syslog`

- A. Searches for python modules related to syslog

- B. Searches for functions in the syslog module
- C. Results in a syntax error for the pip function
- D. Determines whether the syslog module is loaded

Answer: A

Question: 9

Which of the lambda definitions of the function some_code is equivalent to the following function definition?

```
def some_code (invalue):  
    outvalue = invalue * 2  
    return outvalue
```

- A. some_code = lambda outvalue:invalue*2
- B. some_code = lambda invalue:outvalue*2
- C. some_code = lambda invalue:invalue*2

Answer: A

Question: 10

Which of the following modules allows a programmer to specify and spawn new processes, connect to their input and output pipes, and retrieve returned data?

- A. pip
- B. urllib2
- C. subprocess
- D. prochandle

Answer: C

Question: 11

What will the last value of x 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

Answer: D

Question: 12

In a SQL injection attack, which character would an attacker use to separate multiple SQL statements on a single line?

- A. (double quotation marks)
- B. ; (semicolon)
- C. . (period)
- D. % (percentage sign)

Answer: B

Question: 13

An attacker does not yet know the IP address of his target. He uses the socket module to create a backdoor program. He is writing the command to bind the computers current IP address and port 4444 to the backdoor socket. Which command should he use?

- A. backdoor.bind(UDP, 4444)
- B. backdoor.bind(4444)
- C. backdoor.bind((*))
- D. backdoor.bind(,4444)

Answer: D