

# Topic: Looping and Counting

## 1. What is the output of the following code?

```
count = 0
while count < 3:
    print(count)
    count += 1
```

- A) 0 1 2
- B) 1 2 3
- C) 0 1 2 3
- D) Infinite loop

**Answer: A**

## 2. What does the `range(5)` produce?

- A) [0, 1, 2, 3, 4, 5]
- B) [1, 2, 3, 4, 5]
- C) [0, 1, 2, 3, 4]
- D) [1, 2, 3, 4]

**Answer: C**

## 3. Which loop is guaranteed to execute at least once?

- A) for loop
- B) while loop
- C) do-while loop
- D) None of the above

**Answer: C** (Note: Python doesn't have native do-while, but conceptually correct)

## 4. What keyword is used to skip the current iteration in a loop?

- A) skip
- B) stop
- C) continue
- D) pass

**Answer: C**

## 5. What is the output?

```
for i in range(3):
    print(i, end=" ")
```

- A) 0 1 2
- B) 1 2 3

C) 0 1 2 3

D) Error

**Answer: A**

**6. Which loop is used when the number of iterations is not known in advance?**

A) for

B) while

C) do-while

D) All of the above

**Answer: B**

**7. What is the output?**

```
i = 1
while i < 5:
    i += 1
print(i)
```

A) 1

B) 4

C) 5

D) Error

**Answer: C**

**8. How many times will the loop run?**

```
for i in range(2, 10, 2):
    print(i)
```

A) 4

B) 5

C) 6

D) 8

**Answer: B**

**9. What is the default start value of `range(n)` ?**

A) 0

B) 1

C) n

D) None

**Answer: A**

**10. What is the output?**

```
for i in range(1, 5):
    print(i * "*")
```

A) \* \* \* \*  
B) \*  
\*\*

C) \*\*\*\*

D) Error

**Answer: B**

### 11. What does `break` do in a loop?

- A) Ends the loop
- B) Skips one iteration
- C) Restarts the loop
- D) Causes an error

**Answer: A**

### 12. What will this print?

```
for i in range(3):  
    if i == 1:  
        break  
    print(i)
```

- A) 0
- B) 0 1
- C) 1
- D) None

**Answer: A**

### 13. Which is the correct syntax of a for loop?

- A) `for(i=0; i<n; i++)`
- B) `for i in range(n):`
- C) `loop i to n:`
- D) `repeat i until n:`

**Answer: B**

### 14. What happens when the condition in a while loop is false?

- A) Loop repeats
- B) Loop ends
- C) Error
- D) Skips one iteration

**Answer: B**

### 15. What is the output?

```
x = 10
while x > 0:
    x -= 3
print(x)
```

- A) 0
- B) -2
- C) -1
- D) 1

**Answer: B**

**16. Which of the following is a counting variable?**

- A) for
- B) i
- C) if
- D) def

**Answer: B**

**17. Which built-in function is often used for counting iterations in a loop?**

- A) count()
- B) len()
- C) range()
- D) enumerate()

**Answer: C**

**18. What is the output?**

```
for i in range(3):
    for j in range(2):
        print(i, j)
```

- A) (0,0) (1,1)
- B) All combinations of i and j
- C) Error
- D) (0,1) (1,2)

**Answer: B**

**19. Which of the following is an infinite loop?**

- A) while True:
- B) for i in range(1, 10):
- C) while i == 5:
- D) for i in range(0):

**Answer: A**

**20. How to iterate through a string character by character?**

- A) for ch in string:
- B) for string in ch:
- C) loop ch string:
- D) foreach ch in string:

**Answer: A**

**21. What is the output?**

```
for i in range(5):  
    if i == 3:  
        continue  
    print(i)
```

- A) 0 1 2 3 4
- B) 0 1 2 4
- C) 1 2 3 4
- D) Error

**Answer: B**

**22. Which function can be used with a loop to get both index and value?**

- A) zip()
- B) enumerate()
- C) list()
- D) map()

**Answer: B**

**23. What is the output?**

```
for i in range(3, 0, -1):  
    print(i)
```

- A) 1 2 3
- B) 3 2 1
- C) 3 2
- D) Error

**Answer: B**

**24. What happens if you forget to update the loop counter in a while loop?**

- A) Syntax error
- B) Infinite loop
- C) Loop executes once
- D) Nothing

**Answer: B**

## **25. What does `pass` do in a loop?**

- A) Skips current iteration
- B) Exits loop
- C) Does nothing
- D) Causes error

**Answer: C**

## **26. What is the result?**

```
count = 0
for i in range(5):
    count += i
print(count)
```

- A) 5
- B) 10
- C) 15
- D) 20

**Answer: B**

## **27. Which loop can iterate over lists directly?**

- A) for
- B) while
- C) do-while
- D) None

**Answer: A**

## **28. What is the output?**

```
for i in range(1, 6):
    if i % 2 == 0:
        print(i)
```

- A) 1 3 5
- B) 2 4
- C) 1 2 3 4 5
- D) Error

**Answer: B**

## **29. How to make a loop run in reverse?**

- A) `for i in reverse(5)`
- B) `for i in range(5, 0)`
- C) `for i in range(5, 0, -1)`

D) for i = 5 to 1

**Answer: C**

**30. What is printed?**

```
i = 0
while i < 3:
    print("Loop", i)
    i += 1
```

A) Loop 0 Loop 1 Loop 2

B) Loop 1 Loop 2 Loop 3

C) Error

D) Nothing

**Answer: A**

# **Topics: List values, accessing elements, list length, list membership, lists and for loops, list operations, list deletion. Cloning lists, nested lists**

**1. Which of the following is a valid list?**

- A) [1, 2, 3]
- B) (1, 2, 3)
- C) {1, 2, 3}
- D) list(1, 2, 3)

**Answer: A**

**2. What is the output of `len([1, 2, 3, 4])`?**

- A) 3
- B) 4
- C) 5
- D) Error

**Answer: B**

**3. How do you access the last element of a list `lst`?**

- A) `lst[last]`
- B) `lst[-1]`
- C) `lst[len(lst)]`
- D) `lst(1)`

**Answer: B**

**4. What is the output of:**

```
x = [1, 2, 3]
print(2 in x)
```

- A) True
- B) False
- C) 2
- D) Error

**Answer: A**

**5. What will `list(range(3))` return?**

- A) [0, 1, 2]
- B) [1, 2, 3]

- C) [0, 1, 2, 3]
- D) (0, 1, 2)

**Answer: A**

**6. Which operator is used to concatenate two lists?**

- A) +
- B) \*
- C) %
- D) &

**Answer: A**

**7. What does `lst.append(4)` do?**

- A) Adds 4 at beginning
- B) Adds 4 at end
- C) Adds 4 at index 1
- D) Nothing

**Answer: B**

**8. What is the output?**

```
lst = [1, 2, 3]
lst[1] = 10
print(lst)
```

- A) [1, 2, 3]
- B) [10, 2, 3]
- C) [1, 10, 3]
- D) Error

**Answer: C**

**9. What does `del lst[2]` do?**

- A) Removes the last item
- B) Deletes the list
- C) Removes the third element
- D) Clears the list

**Answer: C**

**10. Which method removes the first occurrence of a value?**

- A) `remove()`
- B) `pop()`
- C) `delete()`

D) `discard()`

**Answer: A**

**11. What is the output?**

```
lst = [1, 2, 3]
print(lst * 2)
```

A) [1, 2, 3, 1, 2, 3]

B) [2, 4, 6]

C) [1, 4, 9]

D) Error

**Answer: A**

**12. Which method returns the index of an item?**

A) `find()`

B) `locate()`

C) `index()`

D) `search()`

**Answer: C**

**13. How do you clone a list `lst`?**

A) `lst.copy()`

B) `list(lst)`

C) `lst[:]`

D) All of the above

**Answer: D**

**14. What is the output?**

```
a = [1, 2, 3]
```

```
b = a
```

```
b.append(4)
```

```
print(a)
```

A) [1, 2, 3]

B) [1, 2, 3, 4]

C) Error

D) None

**Answer: B**

**15. How do you create a nested list?**

A) [[1, 2], [3, 4]]

B) [(1, 2), (3, 4)]

- C) {{1, 2}, {3, 4}}
- D) All of the above

**Answer: A**

**16. What is the output?**

```
nested = [[1, 2], [3, 4]]  
print(nested[1][0])
```

- A) 1
- B) 2
- C) 3
- D) 4

**Answer: C**

**17. What is the result of `lst.pop(0)`?**

- A) Removes last item
- B) Removes first item
- C) Removes all
- D) Adds element

**Answer: B**

**18. What is the output?**

```
lst = [1, 2, 3]  
for i in lst:  
    print(i, end=", ")
```

- A) 123
- B) 1, 2, 3,
- C) 1 2 3
- D) Error

**Answer: B**

**19. What will `lst.clear()` do?**

- A) Deletes one element
- B) Removes last item
- C) Removes all elements
- D) Gives error

**Answer: C**

**20. What is the output?**

```
lst = [1, [2, 3], 4]  
print(lst[1][1])
```

- A) 2
- B) 3
- C) [2, 3]
- D) Error

**Answer: B**

**21. `lst[::-1]` does what?**

- A) Sorts the list
- B) Clones the list
- C) Reverses the list
- D) None

**Answer: C**

**22. Which of the following creates an empty list?**

- A) []
- B) `list()`
- C) Both
- D) Neither

**Answer: C**

**23. What is the result of:**

```
[1, 2, 3].remove(4)
```

- A) Removes 4
- B) Error
- C) Removes last item
- D) Returns None

**Answer: B**

**24. What is the output of:**

```
x = [1, 2, 3]
print(x[3])
```

- A) 3
- B) Error
- C) 4
- D) None

**Answer: B**

**25. What is `len([])`?**

- A) 0
- B) 1

C) Error

D) None

**Answer: A**

**26. What is the output?**

```
x = [1, 2, 3]
y = x.copy()
y.append(4)
print(x)
```

A) [1, 2, 3, 4]

B) [1, 2, 3]

C) Error

D) None

**Answer: B**

**27. What is the output?**

```
x = [10, 20, 30]
print(20 in x)
```

A) True

B) False

C) 20

D) Error

**Answer: A**

**28. What does `lst.insert(1, 100)` do?**

A) Replaces index 1 with 100

B) Inserts 100 at index 1

C) Adds 100 at end

D) Gives error

**Answer: B**

**29. Which method adds all elements from another list?**

A) `extend()`

B) `append()`

C) `add()`

D) `concat()`

**Answer: A**

**30. How to check if a list is empty?**

```
if not lst:
```

- A) Correct
- B) Error
- C) Not efficient
- D) None

**Answer: A**

### 31. What is the output?

```
lst = ['a', 'b', 'c']
print(lst[0:2])
```

- A) ['a', 'b']
- B) ['a', 'b', 'c']
- C) ['b', 'c']
- D) Error

**Answer: A**

### 32. What will this code do?

```
lst = [1, 2, 3]
lst += [4]
print(lst)
```

- A) [1, 2, 3, 4]
- B) [5]
- C) Error
- D) [1, 2, 3, [4]]

**Answer: A**

### 33. What is the result?

```
list1 = [1, 2]
list2 = list1
list1[0] = 100
print(list2)
```

- A) [1, 2]
- B) [100, 2]
- C) [1, 100]
- D) Error

**Answer: B**

### 34. What is the output?

```
lst = [10, 20, 30, 40]
print(lst[-2])
```

- A) 20
- B) 30
- C) 40
- D) Error

**Answer: B**

**35. What does this return?**

```
lst = [1, 2, 3]
print(lst.index(3))
```

- A) 2
- B) 3
- C) 1
- D) Error

**Answer: A**

**36. What is the output?**

```
lst = [[1, 2], [3, 4]]
print(len(lst))
```

- A) 2
- B) 4
- C) 1
- D) Error

**Answer: A**

**37. Which will raise an IndexError?**

- A) lst[0] where lst = []
- B) lst = [1]; lst[0]
- C) lst = [1]; lst[-1]
- D) lst = [1,2,3]; lst[2]

**Answer: A**

**38. How do you copy only part of a list?**

- A) lst.copy(1:3)
- B) lst.slice(1,3)
- C) lst[1:3]
- D) lst.sub(1,3)

**Answer: C**

**39. What is the result of this loop?**

```
for i in [10, 20, 30]:
```

```
print(i, end=' ')
```

- A) 10 20 30
- B) [10, 20, 30]
- C) i i i
- D) Error

**Answer: A**

**40. What is printed?**

```
lst = [1, 2, 3]
lst.remove(2)
print(lst)
```

- A) [1, 2, 3]
- B) [1, 3]
- C) [2, 3]
- D) Error

**Answer: B**

**41. Which one is not a valid list operation?**

- A) append()
- B) extend()
- C) add()
- D) insert()

**Answer: C**

**42. How do you flatten [[1,2],[3,4]] to [1,2,3,4]?**

- A) Use sum(nested, [])
- B) Use a loop
- C) Use list comprehension
- D) All of the above

**Answer: D**

**43. What is printed?**

```
lst = [4, 5, 6]
print(6 in lst)
```

- A) True
- B) False
- C) 6
- D) Error

**Answer: A**

**44. How to remove all elements from list a?**

- A) a.delete()
- B) a.remove()
- C) a.clear()
- D) a.empty()

**Answer: C**

**45. What happens if list.pop() is used on an empty list?**

- A) Returns None
- B) Returns 0
- C) Raises IndexError
- D) Does nothing

**Answer: C**

**46. What does this do?**

```
a = [1, 2]
b = a[:]
a[0] = 99
print(b)
```

- A) [99, 2]
- B) [1, 2]
- C) [99]
- D) Error

**Answer: B**

**47. Which of the following is not allowed in a list?**

- A) Numbers
- B) Strings
- C) Dictionaries
- D) All allowed

**Answer: C**

**48. Which syntax creates a list of 5 zeros?**

- A) [0] \* 5
- B) [0,0,0,0,0]
- C) list(range(5))
- D) A and B

**Answer: D**

**49. What is the output?**

```
lst = ['a', 'b', 'c']
for i in range(len(lst)):
    print(lst[i])
```

- A) a b c
- B) abc
- C) ['a', 'b', 'c']
- D) Error

**Answer: A**

**50. What is the output of:**

```
list1 = [1, 2]
list2 = list1[:]
print(list1 is list2)
```

- A) True
- B) False
- C) Error
- D) None

**Answer: B**

## **Topics: Object oriented programming: introduction to classes, objects and methods**

### **1. What is the basic building block of Object-Oriented Programming?**

- A) Function
- B) Variable
- C) Class
- D) Module

**Answer: C**

### **2. What keyword is used to define a class in Python?**

- A) object
- B) class
- C) def
- D) method

**Answer: B**

### **3. What is an object in Python?**

- A) A collection of functions
- B) An instance of a class
- C) A Python file
- D) A module

**Answer: B**

### **4. What is the correct way to create an object from a class?**

```
class Student:  
    pass
```

- A) Student.create()
- B) student = new Student()
- C) student = Student()
- D) create Student()

**Answer: C**

### **5. Which method is automatically called when an object is created?**

- A) \_\_create\_\_()
- B) \_\_object\_\_()
- C) \_\_init\_\_()
- D) \_\_new\_\_()

**Answer: C**

### **6. What is the output?**

```
class A:  
    def __init__(self):  
        print("A created")  
obj = A()
```

- A) Nothing
- B) Error
- C) A created
- D) Class A

**Answer: C**

**7. Which of these defines an instance method?**

- A) def method:
- B) def method(self):
- C) def method():
- D) def method(obj):

**Answer: B**

**8. What does `self` refer to in a method?**

- A) The class
- B) A function
- C) The module
- D) The object calling the method

**Answer: D**

**9. Which is NOT a feature of OOP?**

- A) Inheritance
- B) Encapsulation
- C) Compilation
- D) Polymorphism

**Answer: C**

**10. How do you define a constructor in Python?**

- A) def constructor(self):
- B) def init(self):
- C) def \_\_init\_\_(self):
- D) constructor()

**Answer: C**

**11. What is method overloading in Python?**

- A) Using more than one method name
- B) Defining methods with the same name but different parameters

- C) Calling too many methods
- D) It's not supported

**Answer: D** (Python does not support method overloading directly)

## 12. What is encapsulation?

- A) Hiding the main logic
- B) Protecting object data
- C) Using many classes
- D) Reusing code

**Answer: B**

## 13. Which keyword is used to inherit a class?

- A) extends
- B) inherits
- C) super
- D) None (inheritance is defined via parentheses)

**Answer: D**

## 14. Which is the parent class in:

```
class B(A):  
    pass
```

- A) B
- B) A
- C) self
- D) None

**Answer: B**

## 15. What is a class variable?

- A) Defined inside `__init__`
- B) Specific to each object
- C) Shared by all instances
- D) Not allowed

**Answer: C**

## 16. How do you access a class variable?

- A) `self.var`
- B) `ClassName.var`
- C) `obj.var`
- D) All of the above

**Answer: D**

## **17. How can you define a class variable?**

```
class A:  
    x = 5
```

- A) self.x = 5
- B) x = 5
- C) A.x = 5
- D) var x = 5

**Answer: B**

## **18. What is the result?**

```
class Test:  
    def greet(self):  
        return "Hello"  
obj = Test()  
print(obj.greet())
```

- A) Hello
- B) Test
- C) Error
- D) None

**Answer: A**

## **19. What is the output?**

```
class A:  
    def __init__(self, x):  
        self.x = x  
obj = A(10)  
print(obj.x)
```

- A) x
- B) 10
- C) Error
- D) None

**Answer: B**

## **20. Which statement is true about class methods?**

- A) They use self
- B) They use cls
- C) They use self and cls
- D) No arguments needed

**Answer: B**

## **21. How do you define a class method?**

- A) @staticmethod
- B) @classmethod
- C) @init
- D) @class

**Answer: B**

**22. What is the purpose of `@staticmethod`?**

- A) Binds method to class
- B) Binds method to instance
- C) Method that doesn't access class or instance
- D) Forces static typing

**Answer: C**

**23. Which of the following is correct?**

```
class A:  
    pass  
a = A()  
print(isinstance(a, A))
```

- A) True
- B) False
- C) A
- D) Error

**Answer: A**

**24. What does `super()` do?**

- A) Calls constructor of parent class
- B) Inherits class
- C) Accesses local variables
- D) Creates a new object

**Answer: A**

**25. Which concept allows reusing code?**

- A) Polymorphism
- B) Inheritance
- C) Overloading
- D) Constructor

**Answer: B**

**26. Which is an example of polymorphism?**

- A) `len("abc")` and `len([1, 2, 3])`
- B) `x = 5 + 3`

- C) `print("Hello")`
- D) `x = 10`

**Answer: A**

**27. Which of the following can be used to restrict access to data?**

- A) `public`
- B) `private` (with `_` or `__`)
- C) `class`
- D) `static`

**Answer: B**

**28. What is the output?**

```
class A:  
    def __init__(self):  
        self.__x = 5  
a = A()  
print(a.__x)
```

- A) 5
- B) Error
- C) None
- D) `__x`

**Answer: B** (It's name mangled)

**29. How to access a private variable?**

- A) Use `self.__var`
- B) Use `object._ClassName__var`
- C) Directly
- D) Can't access

**Answer: B**

**30. Which of these is not a magic method?**

- A) `__init__()`
- B) `__str__()`
- C) `__main__()`
- D) `__len__()`

**Answer: C**

## **Topic: Standard Libraries**

**1. Which module provides access to mathematical functions?**

- A) maths
- B) math
- C) cmath
- D) numbers

**Answer: B**

**2. What is the output of `math.sqrt(16)`?**

- A) 4
- B) 16
- C) 8
- D) Error

**Answer: A**

**3. Which module is used for random number generation?**

- A) randomize
- B) math
- C) random
- D) numbers

**Answer: C**

**4. What does `random.randint(1, 5)` return?**

- A) Always 1
- B) Any integer from 1 to 4
- C) Any integer from 1 to 5 (inclusive)
- D) Only float numbers

**Answer: C**

**5. Which module can be used to get the current date and time?**

- A) calendar
- B) os
- C) datetime
- D) time

**Answer: C**

**6. What does `datetime.datetime.now()` return?**

- A) Only date
- B) Only time

- C) Date and time
- D) Error

**Answer: C**

**7. Which module is used to interact with the file system?**

- A) sys
- B) os
- C) io
- D) platform

**Answer: B**

**8. What does `os.getcwd()` return?**

- A) Python version
- B) Directory path where Python is installed
- C) Current working directory
- D) List of all directories

**Answer: C**

**9. What module helps to handle command-line arguments?**

- A) cli
- B) os
- C) sys
- D) argparse

**Answer: D**

**10. What does `sys.exit()` do?**

- A) Restarts the program
- B) Exits from Python script
- C) Clears memory
- D) Displays OS name

**Answer: B**

**11. Which module is used to compress files in Python?**

- A) compress
- B) shutil
- C) zipfile
- D) gzipfile

**Answer: C**

**12. What does `math.ceil(4.2)` return?**

- A) 4
- B) 5
- C) 4.0
- D) 5.0

**Answer: B**

**13. What module provides support for regular expressions?**

- A) string
- B) regex
- C) re
- D) pattern

**Answer: C**

**14. Which of these modules helps in serializing Python objects?**

- A) pickle
- B) zipfile
- C) json
- D) Both A and C

**Answer: D**

**15. What is the use of `time.sleep(2)`?**

- A) Prints time
- B) Delays program for 2 seconds
- C) Pauses output
- D) Stops time module

**Answer: B**

**16. Which module provides tools for working with iterators?**

- A) looptools
- B) functools
- C) itertools
- D) re

**Answer: C**

**17. Which function from `statistics` module gives the average of a list?**

- A) statistics.avg()
- B) statistics.mean()
- C) math.mean()
- D) numpy.mean()

**Answer: B**

**18. What module is used to interact with operating system environment variables?**

- A) env
- B) os
- C) sys
- D) platform

**Answer: B**

**19. What does `platform.system()` return?**

- A) Python version
- B) System architecture
- C) Operating system name (e.g., Windows, Linux)
- D) RAM details

**Answer: C**

**20. Which of the following is not a standard library?**

- A) math
- B) random
- C) os
- D) numpy

**Answer: D**

**21. Which module allows you to generate combinations and permutations?**

- A) random
- B) functools
- C) itertools
- D) math

**Answer: C**

**22. Which method is used to generate a random float between 0 and 1?**

- A) random.integer()
- B) random.float()
- C) random.random()
- D) math.random()

**Answer: C**

**23. What does `os.listdir()` return?**

- A) A string of files
- B) A dictionary of files
- C) A list of file and directory names

D) A list of only directories

**Answer: C**

**24. What is the use of `shutil` module?**

- A) File compression
- B) File and directory operations
- C) Regular expressions
- D) Random number generation

**Answer: B**

**25. Which module provides accurate decimal floating point arithmetic?**

- A) `math`
- B) `decimal`
- C) `float`
- D) `fraction`

**Answer: B**

**26. What does `math.floor(3.9)` return?**

- A) 3
- B) 4
- C) 3.9
- D) Error

**Answer: A**

**27. Which module is used for parsing command-line arguments?**

- A) `sys`
- B) `optparse`
- C) `argparse`
- D) `os`

**Answer: C**

**28. Which module provides functions to manipulate dates and times?**

- A) `time`
- B) `datetime`
- C) Both A and B
- D) `calendar`

**Answer: C**

**29. Which of the following can be used to write JSON data to a file?**

- A) json.write()
- B) json.dump()
- C) json.store()
- D) json.output()

**Answer: B**

**30. What does `calendar.isleap(2024)` return?**

- A) False
- B) None
- C) True
- D) 2024

**Answer: C**

**31. Which module is used to open and work with CSV files?**

- A) csvfile
- B) textio
- C) csv
- D) spreadsheet

**Answer: C**

**32. Which module provides tools for functional programming?**

- A) functools
- B) functional
- C) toolz
- D) utility

**Answer: A**

**33. What function from the `re` module matches patterns at the beginning of a string?**

- A) re.search()
- B) re.findall()
- C) re.match()
- D) re.compile()

**Answer: C**

**34. What will `math.pow(2, 3)` return?**

- A) 6
- B) 8
- C) 9
- D)  $2^3$  as a string

**Answer: B**

**35. Which module supports multithreading in Python?**

- A) process
- B) multiprocessing
- C) concurrent
- D) threading

**Answer: D**

**36. Which function is used to read environment variables?**

- A) os.env()
- B) os.environ.get()
- C) sys.getenv()
- D) platform.env()

**Answer: B**

**37. What does sys.argv provide?**

- A) OS version
- B) Python version
- C) Command-line arguments
- D) System name

**Answer: C**

**38. What is the output of math.pi?**

- A) 3.14
- B) 3.141592653589793
- C) pi
- D) Error

**Answer: B**

**39. Which module is used to display formatted time?**

- A) calendar
- B) datetime
- C) time
- D) os

**Answer: C**

**40. Which module can you use to serialize Python objects into byte streams?**

- A) json
- B) pickle
- C) marshal

D) base64

**Answer: B**