

[Score Overview](#)[Subject Wise](#)[Question Wise](#)[Time Wise](#)[Compare with Topper](#)[Solution](#)**Subject**

Python

Language

English

Q.	Who developed Python Programming Language? (a) Wick van Rossum (b) Rasmus Lerdorf (c) Guido van Rossum (d) Niene Stom	correct Your Ans c Correct Ans c Time (Secs) 6	Solution ★ Bookmark
Q.	Which type of Programming does Python support (a) object-oriented programming (b) structured programming (c) functional programming (d) all of the mentioned	correct Your Ans d Correct Ans d Time (Secs) 50	Solution ★ Bookmark
Q.	Is Python case sensitive when dealing with identifiers? (a) no (b) yes (c) machine dependent (d) none of the mentioned	correct Your Ans b Correct Ans b Time (Secs) 23	Solution ★ Bookmark
Q.	Which of the following is the correct extension of the Python file? (a) .python (b) .pl (c) .py (d) .p	correct Your Ans c Correct Ans c Time (Secs) 3	Solution ★ Bookmark
Q.	Is Python code compiled or interpreted?	incorrect	

- (a) Python code is both compiled and interpreted
- (b) Python code is neither compiled nor interpreted
- (c) Python code is only compiled
- (d) Python code is only interpreted

Your Ans b

Correct Ans a

Time (Secs) 2

Solution

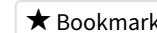
- Q. All keywords in Python are in _____
- (a) Capitalized
 - (b) lower case
 - (c) UPPER CASE
 - (d) None of the mentioned

correct

Your Ans b

Correct Ans b

Time (Secs) 15

Solution

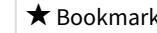
- Q. What will be the value of the following Python expression?
 $4 + 3 \% 5$
- (a) 7
 - (b) 2
 - (c) 4
 - (d) 1

incorrect

Your Ans b

Correct Ans a

Time (Secs) 2

Solution

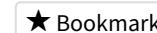
- Q. Which of the following is used to define a block of code in Python language?
- (a) Indentation
 - (b) Key
 - (c) Brackets
 - (d) All of the mentioned

correct

Your Ans a

Correct Ans a

Time (Secs) 17

Solution

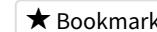
- Q. Which keyword is used for function in Python language?
- (a) Function
 - (b) def
 - (c) Fun
 - (d) Define

correct

Your Ans b

Correct Ans b

Time (Secs) 15

Solution

- Q. Which of the following characters is used to give single-line comments in Python?
- (a) //

correct

Your Ans b

- (b) #
- (c) !
- (d) /*

Correct Ans | b

Time (Secs) | 6

[Solution](#)

Q. What will be the output of the following Python code?

```
i = 1
while True:
    if i % 3 == 0:
        break
    print(i)
    i += 1
```

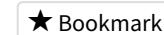
- (a) 1 2 3
- (b) error
- (c) 1
2
- (d) none of the mentioned

correct

Your Ans | b

Correct Ans | b

Time (Secs) | 2



Q. Which of the following functions can help us to find the version of python that we are currently working on?

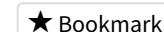
- (a) sys.version(1)
- (b) sys.version(0)
- (c) sys.version()
- (d) sys.version

incorrect

Your Ans | c

Correct Ans | d

Time (Secs) | 10

[Solution](#)

Q. Python supports the creation of anonymous functions at runtime, using a construct called _____

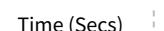
- (a) pi
- (b) anonymous
- (c) lambda

correct

Your Ans | c

Correct Ans | c

Time (Secs) | 9

[Solution](#)

(d) none of the mentioned

**Solution**

Q. What is the order of precedence in python?

- (a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- (b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- (c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- (d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

correct

Your Ans | d

Correct Ans | d

Time (Secs) | 17

Solution

Q. What will be the output of the following Python code snippet

```
if x=1?
```

```
x<<2
```

- (a) 4
- (b) 2
- (c) 1
- (d) 8

correct

Your Ans | a

Correct Ans | a

Time (Secs) | 27



Q. What does pip stand for python?

- (a) Pip Installs Python
- (b) Pip Installs Packages
- (c) Preferred Installer Program
- (d) All of the mentioned

incorrect

Your Ans | b

Correct Ans | c

Time (Secs) | 15

Solution

Q. Which of the following is true for variable names in Python?

- (a) underscore and ampersand are the only two special characters allowed
- (b) unlimited length
- (c) all private members must have leading and trailing underscores
- (d) none of the mentioned

correct

Your Ans | b

Correct Ans | b

Time (Secs) | 17

Solution

Q.

correct

What are the values of the following Python expressions?

- $2^{**}(3^{**}2)$
- $(2^{**}3)^{**}2$
- $2^{**}3^{**}2$
- (a) 512, 64, 512
- (b) 512, 512, 51
- (c) 64, 512, 64
- (d) 64, 64, 64

Your Ans : a
Correct Ans : a
Time (Secs) : 16



Solution

Q. Which of the following is the truncation division operator in Python?

- (a) |
- (b) //
- (c) /
- (d) %

correct
Your Ans : b
Correct Ans : b
Time (Secs) : 33

Solution

Q. What will be the output of the following Python code?

```
l=[1, 0, 2, 0, 'hello', '', []]
list(filter(bool, l))
```

- (a) [1, 0, 2, 'hello', '', []]
- (b) Error
- (c) [1, 2, 'hello']
- (d) [1, 0, 2, 0, 'hello', '', []]

correct
Your Ans : c
Correct Ans : c
Time (Secs) : 4



Solution

Q. In Python, what is the purpose of using the `functools.wraps` decorator?

- (a) To create a closure
- (b) To wrap functions with custom behavior
- (c) To decorate class methods
- (d) To preserve metadata of decorated functions

correct
Your Ans : d
Correct Ans : d
Time (Secs) : 19

Solution

Q.

```
def example(x):
    x += 10
    return x
```

correct
Your Ans : c
Correct Ans : c

x = 5

```
y = example(x)
print(x, y)
```

- (a) 5 10
- (b) 15 15
- (c) 5 15
- (d) 15 5

Time (Secs) | 33

★ Bookmark

Q. Given a list `nums = [1, 2, 3, 4]`, what does `[*nums]` do?

- (a) Unpacks the list `nums` into individual elements
- (b) Creates a new list containing the elements of `nums`
- (c) Raises a syntax error
- (d) Returns a tuple containing the elements of `nums`

Solution

incorrect

Your Ans | c

Correct Ans | b

Time (Secs) | 18

Solution**★ Bookmark**

Q. `x = (i for i in range(3))`

- (a) Defines a generator expression
- (b) Defines a tuple comprehension
- (c) Generates a list containing numbers from 0 to 2
- (d) Raises a syntax error

incorrect

Your Ans | b

Correct Ans | a

Time (Secs) | 4

Solution**★ Bookmark**

Q. What is the purpose of using the `__slots__` attribute in Python?

- (a) To reserve memory space for instance variables
- (b) To prevent modification of class attributes
- (c) To declare private variables within a class
- (d) To optimize memory usage and restrict the creation of instance attributes

correct

Your Ans | d

Correct Ans | d

Time (Secs) | 19

Solution**★ Bookmark**

Q.

incorrect

Your Ans | b

```
def a(x):
    x += [5]
    x = x * 2
b = [1, 2, 3, 4]
a(b)
print(b)
(a) [1, 2, 3, 4, 5, 1, 2, 3, 4]
(b) [1, 2, 3, 4, 5, 5]
(c) [1, 2, 3, 4]
(d) [1, 2, 3, 4, 5]
```

Correct Ans | d

Time (Secs) | 19

[★ Bookmark](#)**Solution**

Q. Which of the following statements about Python's Global Interpreter Lock (GIL) is true?

- (a) GIL ensures only one thread runs in a Python process at a time
- (b) GIL is present in Python to make threading more efficient
- (c) GIL is released whenever I/O operations are performed
- (d) GIL guarantees thread safety in Python programs

incorrect

Your Ans | b

Correct Ans | a

Time (Secs) | 5

Solution[★ Bookmark](#)

Q.

```
name = "prashant"
sal = 5000
age = 28
print("{0} sal is {1} age is {2}".format(name,sal,age))
(a) prashant sal is 5000 age is 28
(b) prashant 5000 age is 28
(c) prashant sal is 5000
(d) None of the above
```

correct

Your Ans | a

Correct Ans | a

Time (Secs) | 31

[★ Bookmark](#)**Solution**

Q.

```
i = 0
while i < 6:
    i = i + 1
```

incorrect

Your Ans | a

Correct Ans | c

Time (Secs) | 19

[Bookmark](#)

```
if i == 3:  
    continue  
    print(i, end=' ')
```

- (a) Syntax error
- (b) 1,2,3,4,5,6
- (c) 1,2,4,5,6
- (d) None of the above

Solution

Q. mycart=[10,20,200,300,800,60,700]
 for i in mycart:
 if i>400:
 continue
 print(i, end=' ')

- (a) 10,20,700, 300,200
- (b) 10,20,200, 300, 60
- (c) 10,20,200, 60,300
- (d) None of the above

correct

Your Ans | b

Correct Ans | b

Time (Secs) | 17

 [Bookmark](#)

Q. for ch in 'prashantjha':
 print(ch)
 if ch == 'h' or ch == 'j':
 break
 print('Current Letter :', ch)

- (a) h, s
- (b) s h
- (c) s

Solution

incorrect

Your Ans | d

Correct Ans | b

Time (Secs) | 46

 [Bookmark](#)

(d) j, h

Solution

Q. s = "python is object oriented programming language"
print(s.find("python"))
print(s.find("java"))
print(s.find("programming"))
(a) 0 -1 26
(b) 2,2
(c) .-1,0,26
(d) 26, -, 2

incorrect

Your Ans c

Correct Ans a

Time (Secs) 18

Bookmark

Q. container = [2, 1, 4, 5, 5, 4, 4, 1, 1]
count = 0
even = 0
odd = 0

for i in container:
 if i == 4:
 count = count + 1
 elif i == 2:
 even = even + 1
 elif i == 5:
 odd = odd + 1

 print(count - even)
 print(count - odd)

incorrect

Your Ans b

Correct Ans a

Time (Secs) 8

Bookmark

- (a) 2 1
- (b) 2,2
- (c) 3,2,1

(d) Runtime error

Solution

Q. `print(*[i for i in range(3)])`

(a) 0 1 2
 (b) [0, 1, 2]
 (c) 012
 (d) SyntaxError

incorrect

Your Ans b

Correct Ans a

Time (Secs) 2

Solution**★ Bookmark**

Q. `x = [1, 2, 3]`
`y = x`
`x += [4, 5]`
`print(x, y)`

correct

Your Ans b

Correct Ans b

Time (Secs) 14

★ Bookmark

- (a) [1, 2, 3, 4, 5] [1, 2, 3]
 (b) [1, 2, 3, 4, 5] [1, 2, 3, 4, 5]
 (c) [1, 2, 3] [1, 2, 3, 4, 5]
 (d) [1, 2, 3] [1, 2, 3]

Solution

Q. `x = 10`
`def foo():`
 `global x`
 `x += 5`
 `print(x)`
`foo()`

correct

Your Ans b

Correct Ans b

Time (Secs) 21

★ Bookmark

- (a) 10
 (b) 15

(c) 20

(d) NameError

Solution

Q. `def foo(x=[]):
 x.append(1)
 return x

print(foo())
print(foo())`

correct

Your Ans | b

Correct Ans | b

Time (Secs) | 20

Bookmark

- (a) [1] [1]
- (b) [1] [1, 1]
- (c) [1] [2]
- (d) [1] [1, 2]

Solution

Q. `print(1.0 + 2)`
(a) 3
(b) 3.0
(c) TypeError
(d) 1.0 + 2

incorrect

Your Ans | c

Correct Ans | b

Time (Secs) | 4

Solution

Bookmark

Q. `x = [i for i in range(3)]
print(x)`
(a) [0, 1, 2]
(b) [1, 2, 3]
(c) [3, 2, 1]
(d) [3, 0, 1, 2]

correct

Your Ans | a

Correct Ans | a

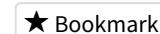
Time (Secs) | 15

Bookmark

Q. `print(2 ** 3 ** 2 ** 1)`
(a) 512

correct

- (b) 64
- (c) 32
- (d) 256

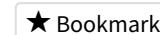
Your Ans aCorrect Ans aTime (Secs) 15**Solution**

Q. What is the output of the following code snippet?

```
x = 10
if x > 5:
    print("x is greater than 5")
    if x > 7:
        print("x is greater than 7")
    else:
        print("x is less than or equal to 7")
```

- (a) x is greater than 5
- (b) x is greater than 7
- (c) x is greater than 5, x is greater than 7
- (d) x is greater than 5, x is less than or equal to 7

correct

Your Ans cCorrect Ans cTime (Secs) 20

Q. What is the purpose of using "if-elif-else" statements?

- (a) To handle multiple conditions and execute different code blocks based on those conditions.
- (b) To execute the code block only if the condition is true.
- (c) To execute a specific code block repeatedly.
- (d) To check if a variable is defined or not.

Solution

correct

Your Ans aCorrect Ans aTime (Secs) 15**Solution**

Q. How many "elif" statements can be used in an if-else statement?

- (a) Only one "elif" statement can be used.
- (b) Multiple "elif" statements can be used.
- (c) There is no "elif" statement in Python.
- (d) The number of "elif" statements is limited by the system.

correct

Your Ans bCorrect Ans bTime (Secs) 18

[Solution](#) [Bookmark](#)

- Q. Which keyword is used to introduce the "else if" condition in Python?
- (a) elif
 - (b) else
 - (c) elseif
 - (d) elsif

correct

Your Ans | a

Correct Ans | a

Time (Secs) | 18

[Solution](#) [Bookmark](#)

- Q. What is the purpose of the "else" statement in an if-else statement?
- (a) It is used to define an additional condition.
 - (b) It is used to terminate the if-else statement.
 - (c) It is used to specify the action to be taken when the if condition is true.
 - (d) It is used to specify the action to be taken when the if condition is false.

incorrect

Your Ans | b

Correct Ans | d

Time (Secs) | 2

[Solution](#) [Bookmark](#)

- Q. What is the result of the following expression?

$$5 - 2 + 3 * 4 / 2$$

correct

- (a) 12
- (b) 9
- (c) 10
- (d) 11

Your Ans | b

Correct Ans | b

Time (Secs) | 23

 [Bookmark](#)

- Q. What is the result of the following code snippet?

```
x = "Hello"
```

```
print(x[1])
```

correct

- (a) H
- (b) e
- (c) l

Your Ans | b

Correct Ans | b

Time (Secs) | 22

 [Bookmark](#)

(d) o

Solution

Q. What is the output of the following code snippet?

```
x = 5
```

```
y = 2
```

```
print(x / y)
```

- (a) 2.5
- (b) 2.3
- (c) 2
- (d) 2.25

correct

Your Ans | a

Correct Ans | a

Time (Secs) | 16

★ Bookmark

Q. Which operator has higher precedence: multiplication () or addition (+)?

- (a) Multiplication ()
- (b) Addition (+)
- (c) Both have the same precedence
- (d) It depends on the context

incorrect

Your Ans | c

Correct Ans | a

Time (Secs) | 3

Solution**★ Bookmark**

Q. What will be the datatype of the var in the below code snippet?

```
var = 10
print(type(var))
var = "Hello"
print(type(var))
```

correct

Your Ans | d

Correct Ans | d

Time (Secs) | 18

★ Bookmark

- (a) Str and int
- (b) int and int
- (c) str and str

(d) int and str

Solution

- Q. Which operator is used for logical AND in Python?
- (a) &
 - (b) &&
 - (c) ||
 - (d) and

correct

Your Ans d

Correct Ans d

Time (Secs) 31

Solution Bookmark

- Q. What is the output of the following code snippet?

```
num = 10%90
```

```
print(num)
```

- (a) 9
- (b) 10
- (c) 90
- (d) None of the above

incorrect

Your Ans a

Correct Ans d

Time (Secs) 3

 Bookmark

- Q. Which operator is used for floor(integer) division in Python?

- (a) //
- (b) /
- (c) %
- (d) *

incorrect

Your Ans b

Correct Ans a

Time (Secs) 10

Solution Bookmark

- Q. What is the result of the following expression?

```
10 + 5 * 2
```

- (a) 30
- (b) 20

correct

Your Ans b

Correct Ans b

Time (Secs) 17

 Bookmark

(c) 25

(d) 15

Solution

Q. What is the output of the following code snippet?

`_var = 5``Var = 10``print(_var + Var)`

incorrect

Your Ans | b

Correct Ans | c

Time (Secs) | 2

Bookmark

(a) 5

(b) 10

(c) 15

(d) Error

Solution

Q. Which of the following is true about variable names in Python?

incorrect

(a) Variable names can contain spaces.

Your Ans | b

(b) Variable names can only contain lowercase letters.

Correct Ans | c

(c) Variable names cannot start with a number.

Time (Secs) | 3

(d) Variable names can be any length.

Solution

Bookmark

Q. Which of the following is an invalid naming convention for a variable in Python?

incorrect

(a) camelCase

Your Ans | b

(b) PascalCase

Correct Ans | d

(c) snake_case

Time (Secs) | 29

(d) CAPITAL_CASE

Solution

Bookmark

Q. What is the output of the following code snippet?

incorrect

`x = 5`

Your Ans | c

Correct Ans | b

x = "Hello"

Time (Secs) | 3

print(x)

★ Bookmark

- (a) 5
- (b) Hello
- (c) Error
- (d) None

Solution

Q. What is the correct way to declare and initialize a variable in Python?

correct

- (a) var x = 5
- (b) x = 5
- (c) 5 = x
- (d) set x = 5

Your Ans | b

Correct Ans | b

Time (Secs) | 18

Solution

★ Bookmark

Q. Which of the following is a valid variable name in Python?

correct

- (a) my-variable
- (b) 123abc
- (c) _my_var
- (d) break

Your Ans | c

Correct Ans | c

Time (Secs) | 15

Solution

★ Bookmark