

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

★ Bookmark

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

★ Bookmark

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

★ Bookmark

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

★ Bookmark

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

★ Bookmark

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

★ Bookmark

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

★ Bookmark

Solution

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

★ Bookmark

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

(d) none of the mentioned

Solution

★ Bookmark

- 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

★ Bookmark

- 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

★ Bookmark

Solution

- 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

★ Bookmark

- 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

★ Bookmark

- 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

★ Bookmark

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

★ Bookmark

- 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

★ Bookmark

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

★ Bookmark

- Q. `def example(x):`  
    `x += 10`  
    `return x`

correct

Your Ans : c

Correct Ans : c

Time (Secs) | 33

★ Bookmark

```
x = 5
y = example(x)
print(x, y)
```

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

Solution

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

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

Correct Ans : d

Time (Secs) : 19

★ Bookmark

```
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]
```

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

```
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

★ Bookmark

**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

**Solution**

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

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

**Solution**

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)`  
(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]

correct  
Your Ans : b  
Correct Ans : b  
Time (Secs) : 14

★ Bookmark

Solution

Q. `x = 10`  
`def foo():`  
    `global x`  
    `x += 5`  
    `print(x)`  
`foo()`  
  
(a) 10  
(b) 15

correct  
Your Ans : b  
Correct Ans : b  
Time (Secs) : 21

★ Bookmark

- (c) 20
- (d) NameError

Solution

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

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

correct

Your Ans

b

Correct Ans

b

Time (Secs)

20

★ Bookmark

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

Solution

★ Bookmark

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

correct

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

Your Ans : a

Correct Ans : a

Time (Secs) : 15

Solution

★ Bookmark

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 : c

Correct Ans : c

Time (Secs) : 20

★ Bookmark

Solution

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.

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 15

Solution

★ Bookmark

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 : b

Correct Ans : b

Time (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?

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

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

correct

Your Ans | b

Correct Ans | b

Time (Secs) | 23

★ Bookmark

## Solution

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

```
x = "Hello"
```

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

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

correct

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

**Solution**

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))
```

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

correct

Your Ans | d

Correct Ans | d

Time (Secs) | 18

★ Bookmark

(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

## Solution

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)
```

(a) 5

(b) 10

(c) 15

(d) Error

incorrect

Your Ans | b

Correct Ans | c

Time (Secs) | 2

★ Bookmark

**Solution**

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

(a) Variable names can contain spaces.

(b) Variable names can only contain lowercase letters.

(c) Variable names cannot start with a number.

(d) Variable names can be any length.

incorrect

Your Ans | b

Correct Ans | c

Time (Secs) | 3

**Solution**

★ Bookmark

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

(a) camelCase

(b) PascalCase

(c) snake\_case

(d) CAPITAL\_CASE

incorrect

Your Ans | b

Correct Ans | d

Time (Secs) | 29

**Solution**

★ Bookmark

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

```
x = 5
```

incorrect

Your Ans | c

Correct Ans | b

Time (Secs) | 3

★ Bookmark

x = "Hello"

print(x)

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

Solution

- Q. What is the correct way to declare and initialize a variable in Python?
- (a) var x = 5
  - (b) x = 5
  - (c) 5 = x
  - (d) set x = 5

correct  
Your Ans | b  
Correct Ans | b  
Time (Secs) | 18

Solution

★ Bookmark

- Q. Which of the following is a valid variable name in Python?
- (a) my-variable
  - (b) 123abc
  - (c) \_my\_var
  - (d) break

correct  
Your Ans | c  
Correct Ans | c  
Time (Secs) | 15

Solution

★ Bookmark