

Score Overview

Subject Wise

Question Wise

Time Wise

Compare with Topper

Solution

Subject

Python ▼

Language

English ▼

Q. `pp,qq,rr = 7,8,7`
`qq = 7+pp`
`qq = 10+pp`
`rr = (qq^qq)^qq`
`qq = (pp^9) + pp`
`print(pp + qq + rr)`

(a) 27
(b) 45
(c) 39
(d) 31

Unattempted

Your Ans

Correct Ans b

Time (Secs) 5

★ Bookmark

Solution

Q. `p,q,r = 5,8,2`
`for r in range(4,r+1):`
`q = p+r`
`if ((p+q-r)<(r+p)):`
`continue`
`else:`

Unattempted

Your Ans

Correct Ans a

Time (Secs) 24

★ Bookmark

break

p = (q^q)+p

print(p+q)

(a) 13

(b) 5

(c) 25

(d) 17

Solution

Q. def funn(a,b):

if(b

a=0

b=0

return funn(a,b)

return a+b+1

a=funn(8,5)

print(a)

(a) 8

(b) 9

(c) -4

(d) None of the above

incorrect

Your Ans : b

Correct Ans : d

Time (Secs) : 9

★ Bookmark

Solution

Q. pp,qq,rr = 9,4,7

incorrect

Your Ans : a

```
for rr in range(3,rr+1):
```

```
    if ((1+6)<(8-qq)):
```

```
        break
```

```
    pp=(qq+9)+qq
```

```
    pp=(rr&10)+qq
```

```
print(pp+qq)
```

(a) -4

(b) 10

(c) 15

(d) 31

Correct Ans : b

Time (Secs) : 10

★ Bookmark

Solution

Q. p,q,r = 2,6,8

q = (1+2)+r

r = (r&q)^q

if ((5&p)<(q^5) or 2>q):

r = p+q

print(p+q+r)

(a) 35

(b) 25

(c) 26

(d) 32

incorrect

Your Ans : b

Correct Ans : c

Time (Secs) : 9

★ Bookmark

Solution

Q. `a,b,c = 2,9,8`
`for c in range(4,c+1):`
 `b = (a+7)+c`
 `if ((b&c)<(a-b)):`
 `continue`
 `else:`
 `break`
 `b=(8+6)+b`
`print(a+b)`

- (a) 33
- (b) 43
- (c) 15
- (d) 6

incorrect

Your Ans : b

Correct Ans : c

Time (Secs) : 7

★ Bookmark

Solution

Q. `a,b,c = 4,7,8`
`if ((b&c&a)==(a&b)):`
 `b = (b&4)&a`
 `if((c+5)>(b-c)):`
 `if (a>b):`
 `c = c+c`
 `a = (c^c)+c`

incorrect

Your Ans : d

Correct Ans : a

Time (Secs) : 6

★ Bookmark

```
a = a&b
```

```
a = 6+b
```

```
c = (a+11)^c
```

```
print(a+b+c)
```

(a) 36

(b) 32

(c) 28

(d) 37

Solution

Q.

```
def funn(a,b):  
    if (a<9 or b>5):  
        return a+funn(b,a)  
  
    return a+2  
  
a = funn(4,9)  
print(a)
```

(a) 18

(b) 15

(c) 31

(d) 9

incorrect

Your Ans : d

Correct Ans : b

Time (Secs) : 181

★ Bookmark

Solution

Q.

```
def funn(a,b):  
  
    b = b-1
```

incorrect

Your Ans : a

Correct Ans : b

Time (Secs) | 16

★ Bookmark

```
if b == 0:
    return 1

a = a+1
return funn(a,b)*a
```

p = 4

q = funn(p,p)

print(q)

(a) 1024

(b) 210

(c) 3024

(d) 6561

Solution

Q.

```
def funn(n):
    i , s = 0,0
    while n>0:
        r = n%10
        p = 8^i
        s = s+p*r
        i+=1
        n = n//10
```

incorrect

Your Ans | b

Correct Ans | c

Time (Secs) | 6

★ Bookmark

return s

p = 124

q = funn(p)

print(q)

(a) 27

(b) 187

(c) 60

(d) 120

Solution

Q. `def funn(a,b):`
 `if(a<b):`
 `a = b`
 `elif(b<a):`
 `b+=a`
 `return funn(a,b)`
 `else:`
 `return b`
 `return funn(a,b)+funn(b,a)`

 `a = funn(2,8)`
 `print(a)`

correct

Your Ans | c

Correct Ans | c

Time (Secs) | 9

★ Bookmark

- (a) 12
- (b) 7
- (c) 16
- (d) 14

Solution

Q. `p,q,r = 10,6,4`
`if ((p-r-q) > (q-p)):`
 `if ((p+q) < (q-p)):`
 `r = (q+r) + r`
 `p = 9+q`
 `p = 11+q`
`else:`
 `if ((q+p)+(p&r) > (q^p & r)):`
 `q = q+r`
 `q = 2+r`
 `p = (r+9)+r`
`print(p+q+r)`

- (a) 27
- (b) 49
- (c) 65
- (d) 42

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 5

★ Bookmark

Solution

Q.

 $a, b, c = 2, 7, 4$ if $(b > a)$:if $((c - a - b) < (b - c))$: $c = (b + 10)^a$ $a = (5 + 1) + b$ $a = (3 + 3) + c$

else:

 $a = (c \& 7) + c$ if $((b \& a \& c) < (6 + c - b))$: $b = 5 + c$ $c = (c + 2)^a$

print(a+b+c)

(a) 38

(b) 55

(c) 11

(d) 28

incorrect

Your Ans : d

Correct Ans : b

Time (Secs) : 9

★ Bookmark

Solution

Q.

 $p, q, r = 6, 8, 4$ $p = 11 \& q$ $q = (p^r)^q$ if $(r < p)$:

incorrect

Your Ans : c

Correct Ans : b

Time (Secs) : 5

★ Bookmark

```
p = (1+12)+q
```

```
else:
```

```
p = 4+q
```

```
if((q^r)<r):
```

```
q = 10+r
```

```
q = (3&1)+p
```

```
print(p+q+r)
```

(a) 43

(b) 25

(c) 51

(d) 59

Solution

```
Q. def fun1(a, b):  
    if (a<6 and b>4):  
        return (a^1) + fun1(a+1,b&1)+(b^1)  
    return a+2
```

```
a = fun1(2,10)
```

```
print(a)
```

(a) 17

(b) 11

(c) 19

incorrect

Your Ans : b

Correct Ans : c

Time (Secs) : 110

★ Bookmark

(d) 25

Solution

Q. `pp,qq,rr = 8,7,5`
`pp = 3^rr`
`if ((pp&qq&rr)<(qq+rr-pp)):`
 `pp=(11&10)^pp`
 `rr = (10+3)&pp`
`print(pp+qq+rr)`

- (a) -9
- (b) 31
- (c) 4
- (d) 19

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 12

★ Bookmark

Solution

Q. `def funn(a,b):`
 `if(a<b):`
 `a = b`
 `return funn(a,b)+funn(b,a)`

 `return b`

`a = funn(7,6)`
`print(a)`

- (a) 6
- (b) 11

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 110

★ Bookmark

(c) 8

(d) -1

Solution

Q. pp,qq,rr = 8,7,8
qq = 7+pp
qq = 10+pp
rr = (qq^qq)^qq
qq = (pp^9) + pp
print(pp + qq + rr)

(a) 27

(b) 39

(c) 35

(d) 31

Unattempted

Your Ans

Correct Ans c

Time (Secs) 10

★ Bookmark

Solution

Q. p,q,r = 6,9,3
for r in range(4,r+1):
 q = p+r
 if ((p+q-r)<(r+p)):
 continue
 else:
 break
 p = (q^q)+p

correct

Your Ans b

Correct Ans b

Time (Secs) 39

★ Bookmark

print(p+q)

- (a) 5
- (b) 15
- (c) 25
- (d) 17

Solution

Q. `def funn(a,b):`
 `if(b<a):`
 `a=0`
 `b=0`
 `return funn(a,b)`
 `return a+b+1`
`a=funn(9,6)`
`print(a)`

- (a) 8
- (b) 9
- (c) 1
- (d) -4

correct

Your Ans c

Correct Ans c

Time (Secs) 114

[★ Bookmark](#)**Solution**

Q. Which of the following is a valid Python comment?

- (a) `<!-- -->`
- (b) `/**/`
- (c) `#`

correct

Your Ans c

Correct Ans c

Time (Secs) 11

(d) //

★ Bookmark

Solution

Q.	Which tool is used to install Python packages?	correct
(a)	git	Your Ans : c
(b)	virtualenv	Correct Ans : c
(c)	pip	Time (Secs) : 13
(d)	setuptools	

Solution

★ Bookmark

Q.	What is a decorator in Python?	correct
(a)	A function that modifies the functionality of another function	Your Ans : a
(b)	A function that creates new functions	Correct Ans : a
(c)	A syntax for defining anonymous functions	Time (Secs) : 21
(d)	A tool for debugging functions	

Solution

★ Bookmark

Q.	How does polymorphism enhance code reusability?	incorrect
(a)	By allowing methods to perform different tasks based on the object	Your Ans : b
(b)	By using the same method in multiple classes	Correct Ans : a
(c)	By changing the functionality of inherited methods	Time (Secs) : 51
(d)	By encapsulating code in modules	

Solution

★ Bookmark

Q.	What is the output of this code: <pre>def add(x, y): return x + y; print(add(3, 4))</pre>	incorrect
		Your Ans : d
		Correct Ans : c
		Time (Secs) : 37

★ Bookmark

(a) 3

(b) 4

(c) 7

(d) Error

Solution

Q. What will the following function return:

```
def example():  
    return 5, 5
```

- (a) (5, 5)
- (b) 10
- (c) 5 5
- (d) SyntaxError

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 21

★ Bookmark

Solution

Q. How do you import a module in Python?

- (a) using the import keyword
- (b) using the include keyword
- (c) using the require keyword
- (d) using the module keyword

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 19

Solution

★ Bookmark

Q. What is a function in Python?

- (a) A variable
- (b) A module
- (c) A block of code
- (d) An operator

correct

Your Ans : c

Correct Ans : c

Time (Secs) : 10

Solution

★ Bookmark

Q. Find the mistake:

```
d = {'a': 1, 'b': 2};  
print(d.get('c', 'Not Found'))
```

- (a) Syntax error in the dictionary
- (b) get() method used incorrectly
- (c) Key 'c' doesn't exist
- (d) no error

incorrect

Your Ans : b

Correct Ans : d

Time (Secs) : 63

★ Bookmark

Solution

- Q. Identify the error:
d = {'first': 1, 'second': 2}
- (a) Syntax error with the dictionary
 - (b) Lists can't be dictionary keys
 - (c) No error
 - (d) Dictionary keys must be strings

incorrect

Your Ans : a

Correct Ans : b

Time (Secs) : 17

★ Bookmark

Solution

- Q. What will be the result of the following code?
d = {'a': 1, 'b': 2};
d['c'] = 3;
print(len(d))
- (a) 2
 - (b) 3
 - (c) Error
 - (d) 1

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 22

★ Bookmark

Solution

- Q. Pseudocode:
Given a tuple (1,2,3),
print each element multiplied by 2
- (a) Prints 2, 4, 6
 - (b) Prints 1, 2, 3
 - (c) Error
 - (d) No output

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 75

★ Bookmark

Solution

- Q. How do you access the last element of a list named myList?
- (a) myList[0]
 - (b) myList[-1]
 - (c) myList[len(myList)]
 - (d) myList[-2]

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 30

★ Bookmark

Solution

- Q. incorrect
- Your Ans : d

Find the mistake:

while True:

 print("Looping");

 break

- (a) Infinite loop
- (b) No error
- (c) The loop will never break
- (d) Incorrect use of print statement

Correct Ans : b

Time (Secs) : 81

★ Bookmark

Solution

- Q. Pseudocode:
For each element in list [1, 2, 3],
print element
- (a) Prints 1 2 3
 - (b) Prints 3 2 1
 - (c) Prints [1, 2, 3]
 - (d) No output

incorrect

Your Ans : c

Correct Ans : a

Time (Secs) : 78

★ Bookmark

Solution

- Q. What is the output of the following code?
- ```
for i in range(3):
 print(i, end=",")
```
- (a) 0  
    1  
    2
  - (b) 1,2,3,
  - (c) "0 1 2 3"
  - (d) Error

incorrect

Your Ans : a

Correct Ans : b

Time (Secs) : 36

★ Bookmark

**Solution**

- Q. incorrect

Identify the error:

if x > 10:

```
print("Greater")
```

- (a) Missing parentheses around condition
- (b) No error
- (c) Missing colon after condition
- (d) Incorrect comparison operator

Your Ans : a

Correct Ans : b

Time (Secs) : 29

★ Bookmark

### Solution

Q. Pseudocode: What is printed when the temperature is 25 degrees?

```
If temperature > 30,
print "Hot",
elif temperature > 20,
print "Warm",
else
"Cold"
```

- (a) Prints "Hot"
- (b) Prints "Warm"
- (c) Prints "Cold"
- (d) No output

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 39

★ Bookmark

### Solution

Q. Pseudocode:  
Check if a number is divisible by 2,

```
if yes
print "Even",
otherwise
"Odd"
```

- (a) Prints "Even"
- (b) Prints "Odd"
- (c) Error
- (d) No output

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 73

★ Bookmark

### Solution

Q. Pseudocode:

correct

```
age = 20
If age > 18,
 print "Adult",
else
 print "Minor"
```

- (a) Prints "Adult"
- (b) Prints "Minor"
- (c) Prints "Age"
- (d) No output

Your Ans : a

Correct Ans : a

Time (Secs) : 33

★ Bookmark

**Solution**

Q. What is the result of the following expression:  $4 > 3$  and  $5 < 2$ ?

- (a) The result is True
- (b) The result is False
- (c) Error
- (d) None

incorrect

Your Ans : a

Correct Ans : b

Time (Secs) : 178

★ Bookmark

**Solution**

Q. What is the result of the following expression:  $5 == 5.0$ ?

- (a) The result is True
- (b) The result is False
- (c) Error
- (d) None

incorrect

Your Ans : b

Correct Ans : a

Time (Secs) : 16

★ Bookmark

**Solution**

Q. In Python, how many levels of nesting are allowed for if statements?

- (a) Only one level
- (b) Maximum two levels
- (c) Unlimited levels

incorrect

Your Ans : a

Correct Ans : c

(d) Maximum three levels

Time (Secs) : 54

**Solution**

★ Bookmark

Q. Which keyword is used to terminate the if-else statement block in Python?

- (a) end
- (b) terminate
- (c) stop
- (d) None of the above

correct

Your Ans : d

Correct Ans : d

Time (Secs) : 55

**Solution**

★ Bookmark

Q. In an else-if ladder, how many conditions are evaluated until a true condition is found?

- (a) Only one
- (b) All conditions
- (c) None of the conditions
- (d) Maximum three conditions

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 63

**Solution**

★ Bookmark

Q. In Python, the if-else statement is an example of a:

- (a) Conditional statement
- (b) Loop statement
- (c) Jump Statement
- (d) Assignment Statement

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 48

**Solution**

★ Bookmark

Q. Which loop in Python allows execution of a block of code as long as a condition is true?

- (a) for loop
- (b) while loop
- (c) do-while loop
- (d) repeat-until loop

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 75

**Solution**

★ Bookmark

Q. In Python, how do you terminate a loop prematurely?

- (a) using the break statement
- (b) using the continue statement
- (c) using the return statement
- (d) using the exist statement

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 18

## Solution

★ Bookmark

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

```
x = 0
while x < 5:
 x += 1
 if x == 3:
 break
 print(x)
else:
 print("Loop completed successfully")
```

- (a) 1 2 3 4 5
- (b) 1 2
- (c) 1 2 3
- (d) Loop completed successfully

incorrect

Your Ans : c

Correct Ans : b

Time (Secs) : 98

★ Bookmark

## Solution

Q. In Python, how do you iterate over the indices and elements of a list simultaneously?

- (a) using a for loop with the enumerate() function
- (b) using a while loop
- (c) using a do-while loop
- (d) using a repeat-until loop

correct

Your Ans : a

Correct Ans : a

Time (Secs) : 47

## Solution

★ Bookmark

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

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

incorrect

Your Ans : c

Correct Ans : b

Time (Secs) : 166

★ Bookmark

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

**Solution**

Q. Which loop in Python is ideal when the number of iterations is not known in advance?

- (a) for loop
- (b) while loop
- (c) do-while loop
- (d) repeat-until loop

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 91

**Solution**

★ Bookmark

Q. Predict the output:

```
x = 0
while x < 5:
 x += 1
 if x == 3:
 continue
 print(x)
 if x == 4:
 break
```

- (a) 1 2
- (b) 1 2 3
- (c) 1 2 4
- (d) 1 2 3 4

incorrect

Your Ans : d

Correct Ans : c

Time (Secs) : 68

★ Bookmark

**Solution**

Q. Which statement can be used to exit from both the innermost loop and the outer loop in nested loops?

- (a) Break

incorrect

- (b) Continue
- (c) Exit
- (d) Pass

Your Ans : c

Correct Ans : a

Time (Secs) : 38

**Solution**

★ Bookmark

Q. Predict the output:

```
i = 1
while i <= 5:
 print(i)
 if i % 2 == 0:
 i += 2
 else:
 i += 1
```

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

incorrect

Your Ans : b

Correct Ans : c

Time (Secs) : 30

★ Bookmark

**Solution**

Q. Predict the output:

```
x = 5
while x > 0:
 if x == 3:
 continue
 print(x)
```

incorrect

Your Ans : d

Correct Ans : a

Time (Secs) : 88

★ Bookmark

```
x -= 1
else:
 print("Loop completed successfully.")
```

- (a) 5 4 2 1  
Loop completed successfully
- (b) 5 4 3 2 1
- (c) 4 2 1
- (d) None of the above

**Solution**

Q. In Python, how can you create an infinite loop?

- (a) Using a for loop
- (b) Using a while loop with a break statement
- (c) Using a do-while loop
- (d) Using a repeat-until loop

correct

Your Ans : b

Correct Ans : b

Time (Secs) : 58

**Solution**

★ Bookmark

Q. In Python, what is the difference between the range() and xrange() functions?

- (a) range() returns a list, while xrange() returns a generator object.
- (b) range() is used in for loops, while xrange() is used in while loops.
- (c) range() is used for a finite range of values, while xrange() is used for an infinite range of values
- (d) range() is a built-in function, while xrange() is a module.

incorrect

Your Ans : d

Correct Ans : a

Time (Secs) : 88

**Solution**

★ Bookmark

Q. In Python, what is the purpose of the pass statement in a loop?

- (a) To skip the current iteration and move to the next iteration
- (b) To exit the loop prematurely
- (c) To indicate an empty block of code
- (d) To terminate the loop completely

incorrect

Your Ans : a

Correct Ans : c

Time (Secs) : 17

**Solution**

★ Bookmark

Q. Predict the following output of the following:

correct

Your Ans : b



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

- (a) 0 1
- (b) 1 0
- (c) 0 1 '1 0
- (d) No output

Correct Ans | b

Time (Secs) | 12

★ Bookmark

**Solution**