**Question 1**

Find the output of the following program:

li = ['Harsh', 'Pratik', 'Bob', 'Dhruv']

print (li[1][-1])

A r

B b

C D

D k

**Question 2**

Find the output of the following program:

li = [1, 2, 3, 4]

li.append([5,6,7,8])

print(li)

A [1,2,3,4,5,6,7,8]

B [1,2,3,4]

C [1,2,3,4,[5,6,7,8]]

D [1,2,3,4][5,6,7,8]

**Question 3**

Find the output of the following program:

**def** addToList(a):

a += [10]

b = [10, 20, 30, 40]

addToList(b)

print (len(b))

A 4

B 5

C 6

D 10

**Question 4**

Find the output of the following program:

a = ['Learn', 'Quiz', 'Practice', 'Contribute']

b = a

c = a[:]

b[0] = 'Code'

c[1] = 'Mcq'

count = 0

**for** c **in** (a, b, c):

**if** c[0] == 'Code':

count += 1

**if** c[1] == 'Mcq':

count += 10

print (count)

A 4

B 5

C 11

D 12

**Question 5**

Find the output of the following program:

**def** foo(x,li=[]):

**for** i **in** range(x):

li.append(i\*i)

print(li)

foo(3,[3,2,1])

A [3, 2, 1, 0, 1, 4]

B [0, 1, 0, 1, 4]

C [0, 1]

D [ ]

**Question 6**

Find the output of the following program:

*# statement 1*

li = range(100, 110)

*# statement 2*

print (li.index(105))

A 105

B 5

C 106

D 104

**Question 7**

Find the output of the following program:

a = [1, 2, 3, 4, 5]

b = a

b[0] = 0;

print(a)

A [1, 2, 3, 4, 5, 0]

B [0,1, 2, 3, 4, 5]

C [0, 2, 3, 4, 5]

D [1, 2, 3, 4, 0]

**Question 8**

Find the output of the following program:

a = [1998, 2002]

b = [2014, 2016]

print ((a + b)\*2)

A [1998, 2002, 2014, 2016, 1998, 2002, 2014, 2016]

B [1998, 2002, 2014, 2016]

C [1998, 2002, 1998, 2002]

D [2014, 2016, 2014, 2016]

**Question 9**

Find the output of the following program:

a = ['physics', 'chemistry', 1997, 2000]

print (a[1][-1])

A p

B y

C 7

D 2

**Question 10**

Find the output of the following program:

a = [1, 2, 3, **None**, (1, 2, 3, 4, 5), [sssit, 'for', python’]]

print(len(a))

A 12

B 11

C 6

D 22

**Question 11**

Find the output of the following program:

a = ['python', 'learning', '@', 'sssit', 'for', 'job']

print(a[0:6:2])

A ['python', '@', 'for']

B ['sssit', 'sssit', 'learning']

C ['python', 'learning', '@', 'sssit', 'for', 'sssit']

D ['python', 'sssit']

**Question 12**

Find the output of the following program:

a = [10, 20, 30, 40, 50]

b = [1, 2, 3, 4, 5]

subtracted = list()

**for** a, b **in** zip(a, b):

item = a -b

subtracted.append(item)

print(subtracted)

A [10, 20, 30, 40, 50]

B [1, 2, 3, 4, 5]

C [10, 20, 30, 40, 50,-1, -2, -3, -4, -5]

D 9, 18, 27, 36, 45

**Question 13**

Find the output of the following program:

li = ['a', 'b', 'c', 'd', 'e']

print(li[10:] )

A ['a', 'b', 'c', 'd', 'e']

B [ 'c', 'd', 'e']

C [ ]

D ['a', 'b']

**Question 14**

**Question 15:** Find the output of the following program:

li = ['a', 'b', 'c'] \* -3

print(li)

A ['a', 'b', 'c', 'a', 'b', 'c', 'a', 'b', 'c']

B ['c', 'b', 'a', 'c', 'b', 'a', 'c', 'b', 'a']

C [ ]

D ['a', 'b', 'c']

**Question 15**

Find the output of the following program:

li = [2, 3, 9]

li = [[x **for** x **in**[li]] **for** x **in** range(3)]

print (li)

A [[[2, 3, 9]], [[2, 3, 9]], [[2, 3, 9]]]

B [[2, 3, 9], [2, 3, 9], [2, 3, 9]]

C [[[2, 3, 9]], [[2, 3, 9]]]

D None of these

**Question 16**

Find the output of the following program:

a = [x **for** x **in** range(5)]

b = [x **for** x **in** range(7) **if** x **in** a **and** x%2==0]

print(b)

A [0, 2, 4, 6]

B [0, 2, 4]

C [0, 1, 2, 3, 4, 5]

D Runtime error

**Question 18**

Find the output of the following program:

a = 'sssit 22536 for 445 sssit'

b = [x **for** x **in** (int(x) **for** x **in** a **if** x.isdigit()) **if** x%2 == 0]

print(b)

A [2, 2, 6, 4, 4]

B Compilation error

C Runtime error

D [‘2’, ‘2’, ‘5’, ‘3’, ‘6’, ‘4’, ‘4’, ‘5’]

**Question 19**

Find the output of the following program:

a = [x **for** x **in** (x **for** x **in** 'Geeks 22966 for Geeks' **if** x.isdigit()) **if**

(x **in** ([x **for** x **in** range(20)]))]

print(a)

A [2, 2, 9, 6, 6]

B [ ]

C Compilation error

D Runtime error

**Question 20**

Find the output of the following program:

a = []  
a.append([1, [2, 3], 4])  
a.extend([7, 8, 9])  
print(a[0][1][1] + a[2])

A Type Error

B 12

C 11

D 38

**Question 21**

Find the output of the following program:

li = [1, 1.33, 'GFG', 0, 'NO', **None**, 'G', **True**]

val1, val2 = 0,''

**for** x **in** li:

**if**(type(x) == int **or** type(x) == float):

val1 += x

**elif**(type(x) == str):

val2 += x

**else**:

**break**

print(val1, val2)

A 2 GFGNO

B 2.33 GFGNOG

C 2.33 GFGNONoneGTrue

D 2.33 GFGNO

**Question 22**

Find the output of the following program:

a = [1, 2, 3, 4]

b = a

c = a.copy()

d = a

a[0] = [5]

print(a, b, c, d)

A [5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4] [1, 2, 3, 4]

B [[5], 2, 3, 4] [[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4]

C [5, 2, 3, 4] [5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4]

D [[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4] [[5], 2, 3, 4]

**Question 23**

Find the output of the following program:

li = [1, 3, 5, 7, 9]

print(li.pop(-3), end = ' ')

A 5

B 9

C 7

D 3

**Question 24**

Find the output of the following program:

**def** REVERSE(a):

a.reverse()

**return**(a)

**def** YKNJS(a):

b = []

b.extend(REVERSE(a))

print(b)

a = [1, 3.1, 5.31, 7.531]

YKNJS(a)

A [1, 3.1, 5.31, 7.531]

B [7.531, 5.31, 3.1, 1]

C IndexError

D AttributeError: ‘NoneType’ object has no attribute ‘REVERSE’