

S.No	Blooms Level	Question	A	B	C	D	E	Ans
1	Understanding	Which of the following commands will create a list?	list1 = list()	list1 = []	list1 = list([1, 2, 3])	all of the mentioned		D
2	Understanding	Suppose list1 is [2445, 133, 12454, 123], what is max(list1)?	2445	133	12454	123		C
3	Understanding	Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation?	print(list1[0])	print(list1[:2])	print(list1[:-2])	all of above		D
4	Understanding	Suppose list1 is [2, 33, 33, 14, 75], What is list1[::-1]?	[75, 14, 33, 33, 2]	[75, 14, 33, 2]	[2, 33, 14, 75]	Error		A
5	Understanding	Suppose list1 is [2, 6, 4], What is list1 * 2?	[2, 6, 4]	Error	[4, 12, 8]	[2, 6, 4, 2, 6, 4]		D
6	Understanding	Which of the following is True regarding lists in Python?	Lists are immutable.	Size of the lists must be specified before its initialization	Elements of lists are stored in contiguous memory location.	size(list1) command is used to find the size of lists.		C
7	Understanding	What is the output of the following?  d = {0: 'a', 1: 'b', 2: 'c'} for x in d.keys(): print(d[x])	0 1 2	a b c	0 a 1 b 2 c	none of the mentioned		B
8	Understanding	Select the correct output of the following String operations  strOne = str("raghu") strTwo = "raghu" print(strOne == strTwo) print(strOne is strTwo)	false false	true true	true false	false true		B
9	Understanding	Guess the correct output of the following String operations  str1 = 'Welcome' print(str1*2)	WelcomeWelcome	TypeError: unsupported operand type(s) for * or pow(): 'str' and 'int'	Welcome	Welcome2		A

10	Understanding	Select the correct output of the following String operations  str1 = 'Welcome' print (str1[:6] + ' Raghu')	Welcome Raghu	WelcomRaghu	Welcom Raghu	WelcomeRaghu		C
11	Understanding	What will be the output of the following Python code snippet?  k = [print(i) for i in my_string if i not in "aeiou"]	prints all the vowels in my_string	prints all the consonants in my_string	prints all characters of my_string that aren't vowels	prints only on executing print(k)		C
12	Understanding	Write a list comprehension for number and its cube for l=[1, 2, 3, 4, 5, 6, 7, 8, 9].	[x**3 for x in l]	[x^3 for x in l]	[x**3 in l]	[x^3 in l]		A
13	Understanding	Which of the following will result in an error?  str1="python"	print(str1[2])	str1[1]="x"	print(str1[0:9])	Both (b) and (c)		B
14	Understanding	Which of these about a set is not true?	Doesn't preserve the insertion order	Allows duplicate values	any data type values are allowed	Immutable		D
15	Understanding	If a={5,6,7}, what happens when a.add(5) is executed?	a={5,5,6,7}	Error as 5 already exists in the set	Error as there is no add function for set data type	a={5,6,7}		D
16	Understanding	What will be the output of the following Python code? t=(1,2,4,3) print(t[1:-1])	(1, 2)	(1, 2, 4)	(2, 4, 3)	(2, 4)		D
17	Understanding	What is the output of the following union operation  set1 = {10, 20, 30, 40} set2 = {50, 20, "10", 60} set3 = set1.union(set2) print(set3)	{40, 10, 50, 20, 60, 30}	{40, '10', 50, 20, 60, 30}	{40, 10, '10', 50, 20, 60, 30}	SyntaxError: Different types cannot be used with sets		C
18	Understanding	What is the output of the following code  sampleSet = {"Yellow", "Orange", "Black"}	Yellow	Syntax Error	Orange	None		B

		<code>print(sampleSet[1])</code>						
19	Understanding	What is the output of the following  <pre>sampleSet = {"Yellow", "Orange", "Black"} sampleSet.add("Blue") sampleSet.add("Orange") print(sampleSet)</pre>	{'Blue', 'Orange', 'Yellow', 'Orange', 'Black'}	{'Blue', 'Orange', 'Yellow', 'Black'}	No Output	Error		B
20	Understanding	<pre>t=(30,40,10,70) t[1]=90 print(t)</pre>	(30,90,10,70)	(30,40,10,70)	error	none of the above		C
21	Understanding	What will be the output of the following Python code?  <pre>&gt;&gt;&gt;my_tuple = (1, 2, 3, 4) &gt;&gt;&gt;my_tuple.append( (5, 6, 7) ) &gt;&gt;&gt;print len(my_tuple)</pre>	1	2	5	Error		D
22	Understanding	What will be the output of the following Python code?  <pre>&gt;&gt;&gt; a=(2,3,1,5) &gt;&gt;&gt; a.sort() &gt;&gt;&gt; a</pre>	(1,2,3,5)	(2,3,1,5)	None	Error, tuple has no attribute sort		D
23	Understanding	Set makes use of _____ Dictionary makes use of _____	keys, keys	key values, keys	keys, key values	key values, key values		C
24	Understanding	Choose the correct function to get the ASCII code of a character	<code>char('char')</code>	<code>ord('char')</code>	<code>ascii('char')</code>	None		B
25	Understanding	Select the correct output of the following String operations <pre>str = "raghu engineering college"; print (str.capitalize())</pre>	RAGHU ENGINEERING COLLEGE	Error	Raghu engineering college	Raghu Engineering College		C
26	Understanding	Which of the following is False?	String is immutable.	<code>lower()</code> function in string is used to return a string by converting the whole given string into lowercase.	<code>capitalize()</code> function in string is used to return a string by converting the whole given string into uppercase.	none of above		C

27	Understanding	Which of the following statements is used to create an empty set?	()	set()	[]	{}		B
28	Understanding	What will the below Python code will return?  list1=[0,2,5,1] str1="7" for i in list1: str1=str1+i print(str1)	70251	Error	7	15		B
29	Understanding	What is the output of the following list operation  aList = [10, 20, 30, 40, 50, 60, 70, 80] print(aList[3:])	[30, 40, 50, 60, 70, 80]	[40, 50, 60, 70, 80]	[30, 40, 50]	Error		B
30	Understanding	Select all the correct options to join two lists in Python  listOne = ['a', 'b', 'c', 'd'] listTwo = ['e', 'f', 'g']	newList = listOne + listTwo	newList = listOne.extend(listTwo)	newList.extend(listOne, listTwo)	Both (a) and (b)		D
31	Understanding	What will be the output? >>>my_tuple = (1, 2, 3, 4) >>>my_tuple.append( (5, 6, 7) ) >>>print len(my_tuple)	1	2	5	Error		D
32	Understanding	What is the output of the following code? nums = set([1,1,2,3,3,3,4,4]) print(len(nums))	7	Error	4	8		4
33	Understanding	What is the output of the following code? >>> a={4,5,6} >>> b={2,8,6} >>> a-b	{4,5}	{6}	Error as unsupported operand type for set data type	Error as the duplicate item 6 is present in both sets		A
34	Understanding	s=["pune", "mumbai", "delhi"] [(w.upper(), len(w)) for w in s]	Error	['PUNE', 4, 'MUMBAI', 6, 'DELHI', 5]	[PUNE, 4, MUMBAI, 6, DELHI, 5]	[('PUNE', 4), ('MUMBAI', 6), ('DELHI', 5)]		D

35	Understanding	Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1] ?	Error	None	25	2		C