

KENDRIYA VIDYALAYA SANGATHAN

CHANDIGARH REGION

केन्द्रीय विद्यालय संगठन चंडीगढ़ संभाग



Flip Book

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PYTHON REVISION TOUR

Q.NO.	QUESTIONS
1.	Which of the following is not considered a valid identifier in Python ? (i) Two2 (ii) _main (iii) hello_rsp1 (iv) 2 hundred
2.	What will be the output of the following code ? print("100+200") (i) 300 (ii) 100200 (iii) 100+200 (iv) 200
3.	pow() function belongs to which library ? (i) math (ii) string (iii) random (iv) maths
4.	What is the output of the following ? x = 123 for i in x: print(i) (i) 123 (ii) 1 2 3 (iii) error (iv) infinite
5.	What data type is the object below? L = 1, 23, 'hello', 1 (a) list (b) dictionary (c) array (d) tuple
6.	What is the value of this expression 3**3**1 ? (i) 27 (ii) 9 (iii) 3 (iv) 1
7.	List AL is defined as follows: AL=[1,2,3,4,5] Which of the following statement/statements removes the middle element 3 from it so that the list AL equals [1,2,4,5] ? (a) del a[2] (b) a[2:3] = [] (c) a[2 : 2]=[] (d) a[2] = [] (e) a.remove(3)
8.	Find the valid identifier from the following a) False b) Ist&2nd c) 2ndName d) My_Name
9.	Given the lists L=[1,30,67,86,23,15,37,131,9232] , write the output of print(L[3:7]) (a) [67,86,23,15,37] (b) [86,23,15,37]
10.	Identify the invalid logical operator in Python from the following. a) and b) or c) not d) Boolean

11.	<p>Suppose a tuple T is declared as T = (10, 12, 43, 39), which of the following is Incorrect?</p> <p>a) print(T[1]) b) print(max(T))</p> <p>c) print(len(T)) d) None of the these</p>
12.	<p>A list is declared as</p> <p style="text-align: center;">Lst = [1,2,3,4,5,6,8]</p> <p>What will be the value of sum(Lst)?</p> <p>(i) 29 (ii) 30 (iii) 7 (iv) 8</p>
13.	<p>If the following code is executed, what will be the output of the following code?</p> <p style="text-align: center;">name="Computer_Science_with_Python" print(name[-25:10])</p> <p>(i) puter_S (ii) hon (iii) puter_Science</p>
14.	<p>Can tuple be nested?</p> <p>(a) Yes (b) No</p>
15.	<p>Can we modify/change keys of a dictionary ?</p> <p>(a) Yes (b) No</p>
16.	<p>.....method of list is used to delete a given element from the list.</p> <p>(i) del (ii) extend() (iii) remove() (iv) append()</p>
17.	<p>A tuple is declared as T = (2,66,77,55,6,9,55,8) Write the output of print(T.index(55))</p> <p>(i) 4 (ii) 3 (iii) 55 (iv) None of these.</p>
18.	<p>Which of the following is/are valid declaration of a dictionary?</p> <p>a) D = {'StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'} b) D = ['StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'] c) D = ('StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag') d) D = {'StuName'; 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'}</p>
19.	<p>If the following code is executed, what will be the output of the following code?</p> <p>Title="Online Teaching 2020" print(Title[6:10], Title[-2:-4:-1])</p> <p>(a) Tea 20 (b) Error (c) e Tea 02</p>
20.	<p>Write the output of the following python expression:</p> <p>print((4>5) and (2!=1) or (4<9))</p> <p>(i) False (ii) True</p>
21.	<p>Find the operator which cannot be used with a string in Python from the following:</p> <p>(a) + (b) in (c) * (d) //</p>

22.	Which of the following is not a keyword? (a) eval (b) assert (c) nonlocal (d) pass
23.	Which value type does input() return? (a) Boolean (b) String (c) Int (d) Float
24.	The operator _____ tells if an element is present in a sequence or not. (a) exists (b) in (c) into (d) inside
25.	The keys of a dictionary must be of _____ types. (a) Integer (b) mutable (c) immutable (d) any of these
26	What is the output when we execute list("hello")? a) ['h', 'e', 'l', 'l', 'o'] b) ['hello'] c) ['llo'] d) ['olleh']
27	Suppose list1 is [2445,133,12454,123], what is max(list1)? a) 2445 b) 133 c) 12454 d) 123
28	Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]? a) Error b) None c) 25 d) 2
29	Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]? a) [2, 33, 222, 14] b) Error c) 25 d) [25, 14, 222, 33, 2]

30	To add a new element to a list we use which command? a) list1.add(5) b) list1.append(5) c) list1.addLast(5) d) list1.addEnd(5)
31	To insert 5 to the third position in list1, we use which command? a) list1.insert(3, 5) b) list1.insert(2, 5) c) list1.add(3, 5) d) list1.append(3, 5)
32	Suppose list1 is [3, 4, 5, 20, 5], what is list1.index(5)? a) 0 b) 1 c) 4 d) 2
	Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1.count(5)? a) 0 b) 4 c) 1 d) 2
33	Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.extend ([34, 5])? a) [3, 4, 5, 20, 5, 25, 1, 3, 34, 5] b) [1, 3, 3, 4, 5, 5, 20, 25, 34, 5] c) [25, 20, 5, 5, 4, 3, 3, 1, 34, 5] d) [1, 3, 4, 5, 20, 5, 25, 3, 34, 5]
34	Suppose listEx is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listEx.pop() ? a) [3, 4, 5, 20, 5, 25, 1] b) [1, 3, 3, 4, 5, 5, 20, 25] c) [3, 5, 20, 5, 25, 1, 3] d) [1, 3, 4, 5, 20, 5, 25]
35	Suppose d = {"john":40, "peter":45}, to delete the entry for "john" what command do we use? a) d.delete("john":40) b) d.delete("john") c) del d["john"] d) del d("john":40)
36	Which of the following is not a declaration of the dictionary? a) {1: 'A', 2: 'B'} b) dict([[1,"A"],[2,"B"]]) c) {1,"A",2"B"} d) { }
37	Which of the following isn't true about dictionary keys? a) More than one key isn't allowed b) Keys must be immutable c) Keys must be integers d) When duplicate keys encountered, the last assignment wins

38	<p>What will be the output of the following Python code?</p> <pre>a={} a[2]=1 a[1]=[2,3,4] print(a[1][1])</pre> <p>a) [2,3,4] b) 3 c) 2 d) An exception is thrown</p>
39	<p>Which of the following statement prints hello\example\test.txt?</p> <p>a) print("hello\example\test.txt") b) print("hello\\example\\test.txt") c) print("hello\"example\"test.txt") d) print("hello\"example\"test.txt")</p>
40	<p>What will be the output of the "hello" +1+2+3?</p> <p>a) hello123 b) hello c) Error d) hello6</p>
41	<p>Say s="hello" what will be the return value of type(s)?</p> <p>a) int b) bool c) str d) String</p>
42	<p>What is "Hello".replace("l", "e")?</p> <p>a) Heeeo b) Heelo c) Heleo d) None</p>
43	<p>What will be the output of the following Python code?</p> <p>Given a string example="hello" what is the output of example.count('l')?</p> <p>a) 2 b) 1 c) None d) 0</p>
44	<p>What will be displayed by print(ord('b') – ord('a'))?</p> <p>a) 0 b) 1 c) -1 d) 2</p>

45	<p>What will be the output of the following Python code?</p> <pre>print("abc DEF".capitalize())</pre> <p>a) abc def b) ABC DEF c) Abc def d) Abc Def</p>
46	<p>What will be the output of the following Python code?</p> <pre>print('a B'.isalpha())</pre> <p>a) True b) False c) None d) Error</p>
47	<p>What will be the output of the following Python code snippet?</p> <pre>print('my_string'.isidentifier())</pre> <p>a) True b) False c) None d) Error</p>
48	<p>What will be the output of the following Python code?</p> <pre>print('xyxyyzxy.lstrip('xyy'))</pre> <p>a) zxy b) xyxyyzxy c) xyzxy d) none of the mentioned</p>
49	<p>What will be the output of the following Python code snippet?</p> <pre>print('abcdef12'.replace('cd','12'))</pre> <p>a) ab12ef12 b) abcdef12 c) ab12efcd d) none of the mentioned</p>
50	<p>What will be the output of the following Python code?</p> <pre>list1 = [1,2,3,4] list2 = [5,6,7,8,] print(len(list1+list2))</pre> <p>a) 2 b) 4 c) 5 d) 8</p>

PYTHON REVISION TOUR

ANSWER KEY

Q.NO.	QUESTIONS
1.	Which of the following is not considered a valid identifier in Python ? (i) Two2 (ii) _main (iii) hello_rsp1 (iv) 2 hundred
Ans	(iv) 2 hundred
2.	What will be the output of the following code ? print("100+200") (i) 300 (ii) 100200 (iii) 100+200 (iv) 200
Ans	(iii) 100+200
3.	pow() function belongs to which library ? (i) math (ii) string (iii) random (iv) maths
Ans	(i) math
4.	What is the output of the following ? x = 123 for i in x: print(i) (i) 123 (ii) 1 2 3 (iii) error (iv) infinite
Ans	(iii) error
5.	What data type is the object below? L = 1, 23, 'hello', 1 (a) list (b) dictionary (c) array (d) tuple
Ans	(d) tuple
6.	What is the value of this expression 3**3**1 ? (i) 27 (ii) 9 (iii) 3 (iv) 1
Ans	(i) 27
7.	List AL is defined as follows: AL=[1,2,3,4,5] Which of the following statement/statements removes the middle element 3 from it so that the list AL equals [1,2,4,5] ? (a) del a[2] (b) a[2:3] = [] (c) a[2 : 2]=[] (d) a[2] = [] (e) a.remove(3)
Ans	(a) , (b) and (e)

8.	Find the valid identifier from the following a) False b) Ist&2nd c) 2ndName d) My_Name
Ans	(d) My_Name
9.	Given the lists L=[1,30,67,86,23,15,37,131,9232] , write the output of print(L[3:7]) (a) [67,86,23,15,37] (b) [86,23,15,37]
Ans	(b) [86,23,15,37]
10.	Identify the invalid logical operator in Python from the following. a) and b) or c) not d) Boolean
Ans	(d) Boolean
11.	Suppose a tuple T is declared as T = (10, 12, 43, 39), which of the following is Incorrect? a) print(T[1]) b) print(max(T)) c) print(len(T)) d) None of the these
Ans	d) None of the these
12.	A list is declared as <pre>Lst = [1,2,3,4,5,6,8]</pre> What will be the value of sum(Lst)? (ii) 29 (ii) 30 (iii) 7 (iv) 8
Ans	(i) 29
13.	If the following code is executed, what will be the output of the following code? <pre>name="Computer_Science_with_Python" print(name[-25:10])</pre> (ii) puter_S (ii) hon (iii) puter_Science
Ans.	puter_S
14.	Can tuple be nested ? (b) Yes (b) No
14.	(a) Yes
15.	Can we modify/change keys of a dictionary ? (a) Yes (b) No
Ans	(b) No

16.method of list is used to delete a given element from the list. (i) del (ii) extend() (iii) remove() (iv) append()
Ans.	(iii) remove
17.	A tuple is declared as T = (2,66,77,55,6,9,55,8) Write the output of print(T.index(55)) (i) 4 (ii) 3 (iii) 55 (iv) None of these.
Ans	(ii) 3
18.	Which of the following is/are valid declaration of a dictionary? a) D = {'StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'} b) D = ['StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'] c) D = ('StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag') d) D = {'StuName'; 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'}
Ans	a) D = {'StuName': 'Alan', 'StuAge': 30, 'StuCity': 'Vizag'}
19.	If the following code is executed, what will be the output of the following code? Title="Online Teaching 2020" print(Title[6:10], Title[-2:-4:-1]) (a) Tea 20 (b) Error (c) e Tea 02
Ans	(a) Tea 20
20.	Write the output of the following python expression: print((4>5) and (2!=1) or (4<9)) (i) False (ii) True
Ans	(ii) True
21.	Find the operator which cannot be used with a string in Python from the following: (a) + (b) in (c) * (d) //
Ans	(d) //
22.	Which of the following is not a keyword? (a) eval (b) assert (c) nonlocal (d) pass
Ans	(c) nonlocal
23.	Which value type does input() return? (a) Boolean (b) String (c) Int (d) Float
Ans	(b) String

24.	The operator _____ tells if an element is present in a sequence or not. (a) exists (b) in (c) into (d) inside
Ans	(b) in
25.	The keys of a dictionary must be of _____ types. (a) Integer (b) mutable (c) immutable (d) any of these
Ans	(c) immutable
26	What is the output when we execute list("hello")? a) ['h', 'e', 'l', 'l', 'o'] b) ['hello'] c) ['llo'] d) ['olleh']
Ans	a) ['h', 'e', 'l', 'l', 'o']
27	Suppose list1 is [2445,133,12454,123], what is max(list1)? a) 2445 b) 133 c) 12454 d) 123
Ans	C
28	Suppose list1 is [2, 33, 222, 14, 25], What is list1[-1]? a) Error b) None c) 25 d) 2
Ans	C
29	Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]? a) [2, 33, 222, 14] b) Error c) 25 d) [25, 14, 222, 33, 2]
Ans	a
30	To add a new element to a list we use which command? a) list1.add(5) b) list1.append(5) c) list1.addLast(5) d) list1.addEnd(5)
Ans	b
31	To insert 5 to the third position in list1, we use which command? a) list1.insert(3, 5) b) list1.insert(2, 5) c) list1.add(3, 5) d) list1.append(3, 5)
Ans	b

32	<p>Suppose list1 is [3, 4, 5, 20, 5], what is list1.index(5)?</p> <p>a) 0 b) 1 c) 4 d) 2</p>
Ans	d
	<p>Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1.count(5)?</p> <p>a) 0 b) 4 c) 1 d) 2</p>
Ans	d
33	<p>Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.extend([34, 5])?</p> <p>a) [3, 4, 5, 20, 5, 25, 1, 3, 34, 5] b) [1, 3, 3, 4, 5, 5, 20, 25, 34, 5] c) [25, 20, 5, 5, 4, 3, 3, 1, 34, 5] d) [1, 3, 4, 5, 20, 5, 25, 3, 34, 5]</p>
Ans	a
34	<p>Suppose listExample is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after listExample.pop()?</p> <p>a) [3, 4, 5, 20, 5, 25, 1] b) [1, 3, 3, 4, 5, 5, 20, 25] c) [3, 5, 20, 5, 25, 1, 3] d) [1, 3, 4, 5, 20, 5, 25]</p>
Ans	a
35	<p>Suppose d = {"john":40, "peter":45}, to delete the entry for "john" what command do we use?</p> <p>a) d.delete("john":40) b) d.delete("john") c) del d["john"] d) del d("john":40)</p>
Ans	c
36	<p>Which of the following is not a declaration of the dictionary?</p> <p>a) {1: 'A', 2: 'B'} b) dict([[1,"A"],[2,"B"]]) c) {1,"A",2"B"} d) { }</p>
	c
37	<p>Which of the following isn't true about dictionary keys?</p> <p>a) More than one key isn't allowed b) Keys must be immutable c) Keys must be integers d) When duplicate keys encountered, the last assignment wins</p>
Ans	c

38	<p>What will be the output of the following Python code?</p> <pre>a={} a[2]=1 a[1]=[2,3,4] print(a[1][1])</pre> <p>a) [2,3,4] b) 3 c) 2 d) An exception is thrown</p>
Ans	b
39	<p>Which of the following statement prints hello\example\test.txt?</p> <p>a) print("hello\example\test.txt") b) print("hello\\example\\test.txt") c) print("hello\"example\"test.txt") d) print("hello\"example\"test.txt")</p>
Ans	b
40	<p>What will be the output of the "hello" +1+2+3?</p> <p>a) hello123 b) hello c) Error d) hello6</p>
Ans	c
41	<p>Say s="hello" what will be the return value of type(s)?</p> <p>a) int b) bool c) str d) String</p>
Ans	c
42	<p>What is "Hello".replace("l", "e")?</p> <p>a) Heeeo b) Heelo c) Heleo d) None</p>
Ans	a
43	<p>What will be the output of the following Python code? Given a string example="hello" what is the output of example.count('l')?</p> <p>a) 2 b) 1 c) None d) 0</p>
Ans	a
44	<p>What will be displayed by print(ord('b') – ord('a'))?</p> <p>a) 0 b) 1 c) -1 d) 2</p>
Ans	b
45	<p>What will be the output of the following Python code? print("abc DEF".capitalize())</p> <p>a) abc def b) ABC DEF c) Abc def d) Abc Def</p>
Ans	c

46	<p>What will be the output of the following Python code?</p> <pre>print('a B'.isalpha())</pre> <p>a) True b) False c) None d) Error</p>
Ans	b
47	<p>What will be the output of the following Python code snippet?</p> <pre>print('my_string'.isidentifier())</pre> <p>a) True b) False c) None d) Error</p>
Ans	a
48	<p>What will be the output of the following Python code?</p> <pre>print('xyxyyzxy'.rstrip('xy'))</pre> <p>a) zxyx b) xyxyyzxy c) xyxzxy d) none of the mentioned</p>
Ans	a
49	<p>What will be the output of the following Python code snippet?</p> <pre>print('abcdef12'.replace('cd', '12'))</pre> <p>a) ab12ef12 b) abcdef12 c) ab12efcd d) none of the mentioned</p>
Ans	a
50	<p>What will be the output of the following Python code?</p> <pre>list1 = [1,2,3,4] list2 = [5,6,7,8,] print(len(list1+list2))</pre> <p>a) 2 b) 4 c) 5 d) 8</p>
Ans	D

MCQs ON FUNCTIONS IN PYTHON

SNO	QUESTIONS
1	<p>Suppose there is a list such that: l=[2,3,4]. If we want to print this list in reverse order, which of the following methods should be used?</p> <p>a) reverse(l) b) list(reverse(l)) c) reversed(l) d) list(reversed(l))</p>
2	<p>Which of the following is the use of function in python?</p> <p>a) Functions are reusable pieces of programs b) Functions don't provide better modularity for your application c) you can't also create your own functions d) All of the mentioned</p>
3	<p>Which are the advantages of functions in python?</p> <p>a) Reducing duplication of code b) Decomposing complex problems into simpler pieces c) Improving clarity of the code d) All of the mentioned</p>
4	<p>What is a variable defined outside a function referred to as?</p> <p>a) A static variable b) A global variable c) A local variable d) An automatic variable</p>
5	<p>What is the output of the following code? a=10</p> <pre> b=20 def change(): global b a=45 b=56 change() print(a) print(b) </pre> <p>a) 10 and 56 b) 45 and 56 c) 10 and 20 d) Syntax Error</p>
6	<p>How are variable length arguments specified in the function heading?</p> <p>a) one star followed by a valid identifier b) one underscore followed by a valid identifier c) two stars followed by a valid identifier d) two underscores followed by a valid identifier</p>
7	<p>The output of the code shown below is:</p> <pre> def f1(): x=15 print(x) x=12 f1() </pre> <p>a) Error b) 12 c) 15 d) 1512</p>

8	<p>What is the output of the code shown below?</p> <pre><i>x=100</i></pre> <pre><i>def f1():</i> <i>global x</i> <i>x=90</i></pre> <pre><i>def f2():</i> <i>global x</i> <i>x=80</i> <i>print(x)</i></pre> <p>a) 100 b) 90 c) 80 d) Error</p>
9	<p>What is the value returned by <code>math.floor(3.4)</code>?</p> <p>a) 3 b) 4 c) 4.0 d) 3.0</p>
10	<p>What is returned by <code>int(math.pow(3, 2))</code>?</p> <p>a) 6 b) 9 c) error, third argument required d) error, too many arguments</p>
11	<p>Study the following program and select the possible outputs(s) from the option (i) to (iv) following it.</p> <pre><i>import random</i> <i>x=random.random()</i> <i>y=random.randint(0,4)</i> <i>Print(int(x0, “:”, y+int(x))</i></pre> <p>(i) 0 : 0 (ii) 1 : 6 (ii) 2 : 4 (iv) 0 : 3</p>
12	<p>If return statement is not used inside the function, the function will return :</p> <p>a) 0 b) None object b) An arbitrary integer d) error</p>
13	<p>Which of the following keywords marks the beginning of the function?</p> <p>a) fun b) function c) def d) definition</p>
14	<p>Which of the following function calls will cause error while invoking the function header <code>def test(a,b)</code></p> <p>(a) test(10,20) (b) test(a=10, b=20) (c test(a=10, b) (d) test(10, b=20)</p>
15	<p>Which function header statement is correct:-</p> <p>(a) def interest (prin, time=2, rate): (b) def interest (prin=2000, time=2, rate): (c) def interest (prin=2000, time=2, rate) (d) def interest (prin, time=2, rate=0.10):</p>

16	<p>What is a variable defined inside a function referred to as?</p> <p>a) A static variable b) A global variable c) A local variable d) An automatic variable</p>
17	<p>Which of the given argument types can be skipped form a function call?</p> <p>a) Positional arguments b) Keyword arguments c) Named arguments d) Default arguments</p>
18	<p>A name inside the parentheses of a function header that can receive a value</p> <p>a) Variable b) Parameter c) Argument d) Keyword</p>
19	<p>Observe the code carefully and write answer of questions given below .</p> <pre> A=10 B=12 Def change(): A=9 global b B=7 Print(a,b) Y=b change() x=a z=b </pre> <p>what is the output of the above program?</p> <p>a) 9 7 b) 10 7 c) 10 12 d) None of the above</p>
20	<p>What is the value of Y in the above program?</p> <p>a) 10 b) 12 b) 7 d) None of the above</p>
21	<p>What is the value of x in the above program?</p> <p>a) 10 b) 12 b) 9 d) None of the above</p>
22	<p>What is the value of z in the above program?</p> <p>a) 10 b) 12 b) 7 d) None of the above</p>
23	<p>In Python which is the correct method to load a module math?</p> <p>a) include math b) import math c) using math d) from math</p>

24	<p>Observe the code carefully and write answer of questions given below:</p> <pre>a=10 def F(): a=5 b=20 print(a) print(a)</pre> <p>What is the output of the above code?</p> <p>a) 5 b) 10 b) 20 d) None of the above</p>
25	<p>Observe the code carefully and write answer of questions given below</p> <pre>def sum(a=5,b=6,c=9): print(a,b,c) sum(1,2,3)</pre> <p>What is the output of the above code?</p> <p>a) 123 b) 569 b) 6812 d) None of the above</p>

Answer Key

Q. NO	ANS	Q. NO	ANS	Q.NO	ANS
1	D	11	(i) & (iv)	21	A
2	A	12	B	22	C
3	D	13	C	23	B
4	B	14	C	24	B
5	A	15	D	25	A
6	A	16	C	26	
7	C	17	D	27	
8	A	18	B	28	
9	A	19	A	29	
10	B	20	B	30	

Q.NO.	QUESTIONS
1	Functions created by user is called _____ function I. Inbuilt II. Library III. User defined IV. logical
2	Division of large programs into smaller programs. These smaller programs are called_____. a) Functions b) Operators c) logical programs d) specific programs
3	Inbuilt functions makes the programming _____ a) Difficult b) Easy
4	We have to import a specific module for using built-in functions? a) True b) False
5	A function can be called _____ times in a program. a) 3 b) 7 c) 4 d) Any no of times
6	Which of the following is not a type conversion functions? a) Int() b) Str() c) Input() d) Float()
7	Write the output of the following. print(int()) a) Any random number b) 0 c) error
8	Which of the following statement will return error? print(int("a")) print(str(123)) a) statement1 b) statement2 c).both d) none
9	Write the output of the following: print(float()) a) 1.0 b) 0.0 c) Any floating point number d) zero

10	<p>What type of error is returned by following statement?</p> <pre>print(int("a"))</pre> <p>a) Syntax Error b) Value Error c) Type Error</p>
11	<p>Write the output of the following: if user entered 7</p> <pre>a=input("Enter age") print(type(a))</pre> <p>a) str b) int c) float</p>
12	<p>eval(x) function returns error if x is integer.(T/F)</p> <p>a) False b) True</p>
13	<p>Write the output of the following:</p> <pre>print(max(2,5,4,8,29,24))</pre> <p>a) Error as there should be math.max() b) 29 c) 2 d) 2 5 4 8 29 24</p>
14	<p>Write the output of the following</p> <pre>print(min("Hell", "Hello", "he"))</pre> <p>a) Hell b) he c) Hello d) Error</p>
15	<p>abs() function do not work for float number.(T/F)</p> <p>a) False b) True</p>
16	<p>Write the output of the following.</p> <pre>print(abs(-8))</pre> <p>a) -8 b) 8.0 c) 8</p>
17	<p>len() function returns the length of string only.(T/F)</p> <p>a) False b) True</p>
18	<p>Write the output of the following :</p> <pre>print(round(34.5671,2)) print(round(34.3631,2))</pre>

	<p>a) 34.57 34.36</p> <p>b) 34.56 34.37</p> <p>c) 34.57 35.36</p> <p>d) 36.00 34.36</p>
19	<p>Write the output of the following:</p> <pre>print(list(i*2 for i in range(4))) print(list(range(4)))</pre> <p>a) [0, 2, 4, 6] [3]</p> <p>b) [0, 2, 4, 6] [0, 1, 2, 3]</p> <p>c) [0, 1, 2, 3] [0, 1, 2, 3]</p> <p>d) none</p>
20	<p>Write the output of the following:</p> <pre>print((range(5)))</pre> <p>a) range(0, 5)</p> <p>b) 0, 1, 2, 3, 4</p> <p>c) [0, 1, 2, 3, 4]</p> <p>d) None</p>
21	<p>The process of dividing a computer program into separate independent blocks of code with different names and specific functionalities is known as _____.</p> <p>a) Mode Programming</p> <p>b) Modular Programming</p> <p>c) Division Programming-</p> <p>d) None</p>
22	<p>Advantage of using function is/are</p> <p>a) Reusability of Code</p> <p>b) Divide a complex problem into simpler ones</p> <p>c) Reduces chances of error</p> <p>d) All of the above</p>
23	<p>_____ can be defined as a named group of instructions that accomplish a specific task when it is invoked.</p> <p>a) Function</p> <p>b) Variable</p> <p>c) Global Variable</p> <p>d) None</p>
24	<p>A function can be called _____ from anywhere in the program.</p> <p>a) Single time</p> <p>b) Two times</p> <p>c) Repeatedly</p> <p>d) None</p>

25	<p>What is the purpose of following statement?</p> <pre>def check():</pre> <p>a) Calling a function b) Defining a function c) None of the above d) Both of the above</p>
26	<p>Use of functions in a program makes it _____</p> <p>a) more organized b) easy to read c) Both d) Noner</p>
27	<p>Functions which can be used directly in a program are stored in _____ library.</p> <p>a) Standard b) Main c) Sub d) Union</p>
28	<p>A function defined to achieve some task as per the programmer's requirement is called a _____</p> <p>a) Standard function b) User defined Function c) Built in Function d) None of the above</p>
29	<p>A function definition begins with _____</p> <p>a) def b) define c) create d) New</p>
30	<p>Function header always ends with a _____</p> <p>a) Comma b) Colon c) Semicolon d) period</p>

Q.NO.	Solution
1	<p>Functions created by user is called _____ function</p> <p>a) Inbuilt b) Library c) User defined d) logical</p>
2	<p>Division of large programs into smaller programs. These smaller programs are called _____.</p> <p>a) Functions b) Operators c) logical programs d) specific programs</p>
3	<p>Inbuilt functions makes the programming _____</p> <p>a) Difficult b) Easy</p>
4	<p>We have to import a specific module for using built-in functions?</p> <p>a) True b) False</p>
5	<p>A function can be called _____ times in a program.</p> <p>a) 3 b) 7 c) 4 d) Any no of times</p>
6	<p>Which of the following is not a type conversion functions?</p> <p>a) Int() b) Str() c) Input() d) Float()</p>
7	<p>Write the output of the following.</p> <p><code>print(int())</code></p> <p>a) Any random number b) 0 c) Error</p>
8	<p>Which of the following statement will return error?</p> <p><code>print(int("a"))</code> <code>print(str(123))</code></p> <p>a) statement1 b) statement2 c) both d) none</p>

9	<p>Write the output of the following:</p> <pre>print(float())</pre> <p>a) 1.0 b) 0.0 c) Any floating point number d) zero</p>
10	<p>What type of error is returned by following statement?</p> <pre>print(int("a"))</pre> <p>a)Syntax Error b) Value Error c)Type Error</p>
11	<p>Write the output of the following: if user entered 7</p> <pre>a=input("Enter age") print(type(a))</pre> <p>a) str b) int c) float</p>
12	<p>eval(x) function returns error if x is integer.(T/F)</p> <p>a) False b) True</p>
13	<p>Write the output of the following:</p> <pre>print(max(2,5,4,8,29,24))</pre> <p>a) Error as there should be math.max() b) 29 c) 2 d) 2 5 4 8 29 24</p>
14	<p>Write the output of the following</p> <pre>print(min("Hell","Hello","he"))</pre> <p>a) Hell b) he c) Hello d) Error</p>
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16	<p>Write the output of the following.</p> <pre>print(abs(-8))</pre> <p>a) -8 b) 8.0 c) 8</p>

17	<p>len() function returns the length of string only.(T/F)</p> <p>a) False b) True</p>
18	<p>Write the output of the following :</p> <pre>print(round(34.5671,2)) print(round(34.3631,2))</pre> <p>a) 34.57 34.36 b) 34.56 34.37 c) 34.57 35.36 d) 36.00 34.36</p>
19	<p>Write the output of the following:</p> <pre>print(list(i*2 for i in range(4))) print(list(range(4)))</pre> <p>a) [0, 2, 4, 6] [3] b) [0, 2, 4, 6] [0, 1, 2, 3] c) [0, 1, 2, 3] [0, 1, 2, 3] d) none</p>
20	<p>Write the output of the following:</p> <pre>print((range(5)))</pre> <p>a) range(0, 5) b) 0, 1, 2, 3, 4 c) [0, 1, 2, 3, 4] d) None</p>
21	<p>The process of dividing a computer program into separate independent blocks of code with different names and specific functionalities is known as _____.</p> <p>a) Mode Programming b) Modular Programming c) Division Programming- d) None</p>
22	<p>Advantage of using function is/are</p> <p>a) Reusability of Code b) Divide a complex problem into simpler ones c) Reduces chances of error d) All of the above</p>

23	<p>_____ can be defined as a named group of instructions that accomplish a specific task when it is invoked.</p> <p>a) Function b) Variable c) Global Variable d) None</p>
24	<p>A function can be called _____ from anywhere in the program.</p> <p>a) Single time b) Two times c) Repeatedly d) None</p>
25	<p>What is the purpose of following statement?</p> <p>def check():</p> <p>a) Calling a function b) Defining a function c) None of the above d) Both of the above</p>
26	<p>Use of functions in a program makes it _____</p> <p>a) more organized b) easy to read c) Both d) None</p>
27	<p>Functions which can be used directly in a program are stored in _____ library.</p> <p>a) Standard b) Main c) Sub d) Union</p>
28	<p>A function defined to achieve some task as per the programmer's requirement is called a _____</p> <p>a) Standard function b) User defined Function c) Built in Function d) None of the above</p>
29	<p>A function definition begins with _____</p> <p>a) def b) define c) create d) New</p>
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Data File Handling

SNO	QUESTIONS
1.	<p>Which of the following functions do you use to write data in the binary format?</p> <p>A. write B. output C. dump D. send</p>
2.	<p>Which of the following file mode will refer to the BINARY mode?</p> <p>A. binary B. b C. bin D. w</p>
3.	<p>The process of converting the structure to a byte stream before writing to the file is known as _____.</p> <p>a. Pickling b. Unpickling c. Dump d. load</p>
4.	<p>The _____ file mode is used when user want to write data into binary file.</p> <p>a. rb b. wb c. r+ d. w+</p>
5.	<p>Which one of the following is correct statement?</p> <p>a) import – pickle b) pickle import c) import pickle d) All of the above</p>
6.	<p>Ms. Sejal is working on the sports.dat file but she is confused about how to read data from the binary file. Suggest a suitable line for her to fulfill her wish.</p> <pre style="background-color: #f0f0f0; padding: 10px;">import pickle def sports_read(): f1 = open("sports.dat","rb") _____ print(data) f1.close() sports_read()</pre> <p>a. load() b. data=f1.load() c. f1.load(data) d. data=load(f1)</p>
7	<p>Name the function to read from CSV file.</p> <p>a. read() b. csv.reader() c. csv.read() d. reader()</p>

8	<p>In which file, no delimiters are used for line and no translations occur?</p> <ol style="list-style-type: none"> Text file Binary file csv file None of the above
9.	<p>Priti of class 12 is writing a program to create a CSV file “emp.csv”. She has written the following code to read the content of file emp.csv and display the employee record whose name begins from “S” also show no. of employee with first letter “S” out of total record. As a programmer, help her to successfully execute the given task.</p> <p>Consider the following CSV file (emp.csv):</p> <pre>1,Peter,3500 2,Scott,4000 3,Harry,5000 4,Michael,2500 5,Sam,4200</pre> <pre>import _____ # Line 1 def S NAMES(): with open(_____) as csvfile: # Line 2 myreader = csv._____(csvfile, delimiter=',') # Line 3 count_rec=0 count_s=0 for row in myreader: if row[1][0].lower()=='s': print(row[0],',',row[1],',',row[2]) count_s+=1 count_rec+=1 print("Number of 'S' names are ",count_s,"/",count_rec)</pre> <ol style="list-style-type: none"> Name the module he should import in Line 1 In which mode, Priti should open the file to print data. Fill in the blank in Line 2 to open the file. Fill in the blank in Line3 to read the data from a csv file. Write the output he will obtain while executing the above program.
a)	<p>In above program, choose correct answer for part (a)</p> <ol style="list-style-type: none"> pickle csv binary None of the above
b)	<p>In above program, choose correct answer for part (b)</p> <ol style="list-style-type: none"> read mode append mode write mode None of the above

c)	<p>In above program, choose correct answer for part (c)</p> <ul style="list-style-type: none"> a. 'emp.csv' b. 'emp' c. 'empcsv' d. None of the above
d)	<p>In above program, choose correct answer for part (d)</p> <ul style="list-style-type: none"> a. read b. writer c. reader d. None of the above
e)	<p>In above program, choose correct answer for part (e)</p> <ul style="list-style-type: none"> a. 2,Scott,4000 5,Sam,4200 Number of “S” names are 2/5 reader b. 2Scott4000 5Sam4200 Number of “S” names are 4/5 reader c. 2,Scott,4000 5,Sam,4200 Number of “S” names are 3/5 reader d. None of the above
10	<p>Given a binary file “emp.dat” has structure (Emp_id, Emp_name, Emp_Salary). Write a function in Python countsal() in Python that would read contents of the file “emp.dat” and display the details of those employee whose salary is greater than 20000.</p> <pre> import pickle def _____: Line1 f = open (“emp.dat”, “_____”) Line 2 n = 0 try: while True: rec = _____ Line 3 if rec[2] > 20000: print(rec[0], rec[1], rec[2], sep=“\t”) num = num + _____ Line 4 except: f.close() Line 5 </pre>
a)	<p>In above program , choose correct option for Line 1</p> <ul style="list-style-type: none"> a. countsal() b. Countsal() c. Sal() d. Count()

b).	In above program , choose correct option for Line 2 a. ab b. rb c. wb d. None of the above
c)	In above program , choose correct option for Line 3 a. pickle.dump() b. pickle.read() c. pickle.load() d. None of the above
d)	In above program , choose correct option for Line 4 a. -1 b. 2 c. 0 d. 1
e)	In above program , choose correct option for Line 5 a. f.close() b. f.exit() c. f.stop() d. None of the above
11	Write full form of csv a. Comma separated values b. Comma settled values c. Common separated values d. None of the above
12	What is the use of “a” in file handling? a) Read b) Write c) Append d) None of the mentioned
13	Which of the following are the modes of both writing and reading in binary format in file? a) wb+ b) w c) wb d) w+
14	Which character is used to create a new file in csv? a. r b. w c. x d. None of the above
15	Which are built in functions for csv module a. csv.reader() b. csv.read() c. csv.writer() d. csv.write()
16	In csv files, each field of record is separated by a. comma b. colon c. space d. None of the above
17	What is true about Binary files a. They are not human readable b. the file extension is .dat c. the file stores same format as held in memory. d. All of the above

Binary and CSV file MCQs

Answer Key

Q. NO	ANS	Q. NO	ANS
1	c	10 (a)	a
2	b	10(b)	b
3	a	10(c)	c
4	b	10(d)	d
5	c	10(e)	a
6	d	11	a
7	b	12	c
8	b	13	a
9(a)	a	14	c
9(b)	a	15	a,c
9(c)	a	16	a
9(d)	c	17	d
9(e)	a		

Q No	Question
1	<p>To open a file Myfile.txt ,which is stored at d:\Myfolder, for WRITING , we can use</p> <p>(i) F=open("d:\Myfolder\Myfile.txt","w")</p> <p>(ii) F=open(file="d:\Myfolder\Myfile.txt","w")</p> <p>(iii) F=open(r"d:\Myfolder\Myfile.txt","w")</p> <p>(iv)F=open("d:\Myfolder\Myfile.txt","w")</p>
2	<p>If we do not specify file mode while opening a file, the file will open inmode</p> <p>(i) read</p> <p>(ii) write</p> <p>(iii) append</p> <p>(iv)Error occurs</p>
3	<p>To read the remaining lines of the file from a file object F, we use</p> <p>(i) F.read(2)</p> <p>(ii)F.read()</p> <p>(iii) F.readlines()</p> <p>(iv)F.readline()</p>
4	<p>Which statement is used to retrieve the current position within file?</p> <p>(i) fp.seek()</p> <p>(ii) fp.tell()</p> <p>(iii) fp.loc()</p> <p>(iv) fp.pos()</p>
5	<p>In text file each line is terminated by a special character called _____</p> <p>(i) EOL</p> <p>(ii) END</p> <p>(iii) Full stop</p> <p>(iv) EOF</p>
6	<p>In python, default EOL character is _____</p> <p>(i) \n</p> <p>(ii) \r</p> <p>(iii) \d</p> <p>(iv) \L</p>

7	<p>What error is returned by following statement, if file “try.txt” does not exist?</p> <pre>f = open(“try.txt”)</pre> <ul style="list-style-type: none"> (i) Not found (ii) FileNotFoundError (iii) File does not exist (iv) No error
8	<p>What is the purpose of ‘r’ as prefix in the given statement?</p> <pre>f = open(r “d:\color\flower.txt”)</pre> <ul style="list-style-type: none"> (i) To make it raw string (ii) To make it new string (iii) To make it relative string (iv) To make it reverse string
9	<p>Another name of file object is _____</p> <ul style="list-style-type: none"> (i) File handle (ii) File name (iii) No another name (iv) File
10	<p>Name the module required for Text Files</p> <ul style="list-style-type: none"> (i) Pickle (ii) CSV (iii) String (iv) No module required
11	<p>To open a file Myfile.txt for appending , we can use</p> <ul style="list-style-type: none"> (i) F=open("Myfile.txt","a") (ii) F=open(“Myfile.txt”,“w+”) (iii) F=open(r“d:\Myfolder\Myfile.txt”,“w”) (iv)F=open("Myfile.txt",“w”)
12	<p>To read the 02 characters of the file from a file object F, we use</p> <ul style="list-style-type: none"> (i) F.read(2) (ii)F.read() (iii) F.readlines() (iv)F.readline()
13	<p>To read the next line of the file from a file object F, we use</p> <ul style="list-style-type: none"> (i) F.read(2) (ii) F.read() (iii) F.readlines() (iv) F.readline()

14	<p>The readlines() method returns</p> <ul style="list-style-type: none"> (i) String (ii) A List of integers (iii) A list of characters (iv) A List of Lines
15	<p>The read() method returns</p> <ul style="list-style-type: none"> (i) String (ii) A List of integers (iii) A list of characters (iv) A List of Lines
16	<pre>f=None for i in range(5): with open("data.txt","w") as f: if(i>2): break print(f.closed)</pre> <ul style="list-style-type: none"> (i) True (ii) False (iii) None (iv) Error
17	<p>Which method is used to write List of strings in the File</p> <ul style="list-style-type: none"> (i) Write (ii) Writelines (iii) WriteList (iv) Write(n)
18	<p>Which method is used to break the link of file object and the file on the disk.</p> <ul style="list-style-type: none"> (i) Open (ii) Close (iii) Break (iv) end
19	<p>Which types of files stores information in the form of a stream of ASCII or Unicode Characters</p> <ul style="list-style-type: none"> (i) Binary Files (ii) Both Text Files and CSV Files (iii) Only Text files (iv) Only CSV Files
20	<p>For both Reading and writing in a File which does not exist which of the mode should be used:</p> <ul style="list-style-type: none"> (i) w (ii) r (iii) w+ (iv) r+

21	<p>Which function is used to force the contents of a buffer onto a storage device</p> <ul style="list-style-type: none"> (i) open (ii) close (iii) flush (iv) write
22	<p>Given below a program to found the occurrence of word “To” in a file notes.txt. which function should be used to read the file word by word</p> <pre> count=0 file1=open("notes.txt","r") s=file1.read() s1=_____ for i in s1: if(i=="ch"): count+=1 print(ch," word exists ", count, " number of times") </pre> <ul style="list-style-type: none"> (i) s.read(10) (ii) s. split() (iii) s.index() (iv) s.readline()
23	<p>Choose the name of missing function</p> <pre> file1=open("notes.txt","a") ch=input("enter the text") file1._____(ch+"\n") file1.close() </pre> <ul style="list-style-type: none"> (i) writelines (ii) write (iii) read (iv) append
24	<p>Choose the correct option for mode</p> <pre> file1=open("notes.txt",_____) ch=file1.read() print(ch) file1.close() </pre> <ul style="list-style-type: none"> (i) w (ii) a (iii) r (iv) All of the above
25	<p>Data=F.read(10).</p> <p>Which of the following statement is True regarding variable Data</p> <ul style="list-style-type: none"> (i) Data contains list of 10 lines (ii) Data contain list of 10 characters (iii) Data contains string of 10 characters (iv) Data contains integer value 10

Answer key

Q No	Correct answer
1	(iii) F=open(r"d:\Myfolder\Myfile.txt","w")
2	(i) read
3	(iii) F.readlines()
4	(ii) fp.tell()
5	(i) EOL
6	(i) \n
7	(ii) FileNotFoundError
8	(i) To make it raw string
9	(i) File handle
10	(iv) No module required
11	(i) F=open("Myfile.txt","a")
12	(i) F.read(2)
13	(iv)F.readline()
14	(iv) A List of Lines
15	(i) String
16	(i) True
17	(ii) Writelines
18	(ii) Close
19	(ii) Both Text Files and CSV Files
20	(iii) w+
21	(iii) flush
22	(ii) s. split()
23	(ii) writ
24	(iii) r
25	(iii) Data contains string of 10 characters