

KENDRIYA VIDYALAYA PANCHGRAM

XII (CS) - PRACTICE TEST (PYTHON REVISION)

Each Question carry 1 mark.	
1	Which of the following is not a valid identifier name in Python? Justify reason for it not being a valid name. a) 5Total b) _Radius c) pie d)While
2	Find the invalid identifier from the following a) def b) For c) _bonus d)First_Name
3	Find the output - >>>A = [17, 24, 15, 30] >>>A.insert(2, 33) >>>print (A [-4])
4	Name the Python Library modules which need to be imported to invoke the following functions: (i) ceil() (ii) randrange()
5	Which of the following are valid operator in Python: (i) */ (ii) is (iii) ^ (iv) like
6	Which of the following statements will create a tuple ? (a) Tp1 = ("a", "b") (b) Tp1= (3) * 3 (c) Tp1[2] = ("a", "b") (d) None of these
7	What will be the result of the following code? >>>d1 = {"abc" : 5, "def" : 6, "ghi" : 7} >>>print (d1[0]) (a) abc (b) 5 (c) {"abc":5} (d) Error
8	Find the output of the following: >>>S = 1, (2,3,4), 5, (6,7) >>> len(S)
9	Which of the following are Keywords in Python ? (i) break (ii) check (iii) range (iv) while
10	Which of the following statement create a dictionary? a) d = { } b) d = {"john":40, "peter":45} c) d = (40 : "john", 45 : "peter") d) d = All of the mentioned above
11	Find the output of the following: >>>Name = "Python Examination" >>>print (Name [: 8 : -1])
12	Given the lists Lst=['C','O','M','P','U','T','E','R'], write the output of: print(Lst[3:6])
13	What will be the output of following program: a='hello' b='virat' for i in range(len(a)): print(a[i],b[i])
14	Give Output: colors=["violet", "indigo", "blue", "green", "yellow", "orange", "red"] del colors[4] colors.remove("blue") colors.pop(3) print(colors)
15	Which statement is correct for dictionary? (i) A dictionary is a ordered set of key:value pair (ii) each of the keys within a dictionary must be unique

	(iii) each of the values in the dictionary must be unique (iv) values in the dictionary are immutable
16	Identify the valid declaration of Rec: Rec=(1,"Vikrant,50000) (i)List (ii)Tuple (iii)String (iv)Dictionary
17	Identify the valid statement for list L=[1,2,"a"]: (i) L.remove("2") (ii) L.del(2) (iii) del L[2] (iv) del L["a"]
18	Find and write the output of the following python code: x = "Python" print(x[: -1]) print(x)
19	Which of the following is valid arithmetic operator in Python: (i) // (ii) ? (iii) < (iv) and
20	Name the Python Library modules which need to be imported to invoke the following functions: (i) sin() (ii) randint()
21	Which is the correct form of declaration of dictionary? (i) Day={1:'monday',2:'tuesday',3:'wednesday'} (ii) Day=(1;'monday',2;'tuesday',3;'wednesday') (iii) Day=[1:'monday',2:'tuesday',3:'wednesday'] (iv) Day={1' monday',2' tuesday',3' wednesday'}
22	If the following code is executed, what will be the output of the following code? name="Computer Science with Python" print(name[2:10])
23	Find the invalid identifier from the following a) Subtotal b) assert c) temp_calc d) Name2
24	Given the list Lst = [12, 34, 4, 56, 78, 22, 78, 89], find the output of print(Lst[1:6:2])
25	Which operator is used for replication? a) + b) % c) * d) //
26	Give the output of the following code: L = [1,2,3,4,5,6,7] B = L B[3:5] = 90,34 print(L)
27	What is the value of the expression 4+4.00, 2**4.0
28	A tuple is declared as T = (1,2), (1,2,4), (5,3) What will be the value of min(T) ?
29	Which of the following functions generates an integer? a) uniform() b) randint() c) random() d) None of the above
30	What is the output of the following code: for i in range(-3,4,2): print(i, end = '\$')
31	Identify the invalid keyword in Python from the following: (a) True (b) None (c) Import (d) return
32	Write the output of the following python expression: print{(4>5) and (2!=1) or (4<9)}
33	Find the operator which cannot be used with a string in Python from the following: (a) + (b) in (c) * (d) //
34	Write the output of the following python statements: Array=[8,5,3,2,1,1] print(Array[-1:-6:-1])

35	<p>Consider the tuple in python named DAYS=(<code>"SUN","MON","TUES"</code>). 1 Page No. 2 Identify the invalid statement(s) from the given below statements: 1. <code>S=DAYS[1]</code> 2. <code>print(DAYS[2])</code> 3. <code>DAYS[0]="WED"</code> 4. <code>LIST=list(DAYS)</code></p>
36	<p>Declare a dictionary in python named QUAD having Keys(1,2,3,4) and Values(<code>"India","USA","Japan","Australia"</code>)</p>
37	<p>Identify the output of the following python statements if there is no error. Otherwise, identify the error(s):</p> <pre>Str1="Computer2020" Str2=tuple(Str1[8:12]) Str3=list(Str2) print(Str3,"#",len(Str3))</pre>
38	<p>List one common property of a String and a Tuple.</p>
39	<p>Write the full form of IDLE.</p>
40	<p>Identify the valid logical operator in Python from the following. a) ? b) < c) ** d) and</p>
41	<p>Suppose a tuple Tup is declared as <code>Tup = (12, 15, 63, 80)</code>, which of the following is incorrect? a) <code>print(Tup[1])</code> b) <code>Tup[2] = 90</code> c) <code>print(min(Tup))</code> d) <code>print(len(Tup))</code></p>
42	<p>Write a statement in Python to declare a dictionary whose keys are 1,2,3 and values are Apple, Mango and Banana respectively.</p>
43	<p>A tuple is declared as <code>T = (2,5,6,9,8)</code> 1 Page 2 of 6 What will be the value of <code>sum(T)</code>?</p>
44	<p>Name the built-in mathematical function / method that is used to return square root of a number.</p>
45	<p>Identify the valid declaration of P: <code>P= ['Jan', 31, 'Feb', 28]</code> a. dictionary b. string c.tuple d. list</p>
46	<p>If the following code is executed, what will be the output of the following code? <code>str="KendriyaVidyalayaSangathan"</code> <code>print(str[8:16])</code></p>
47	<p>Can List be used as keys of a dictionary?</p>
48	<p>Which one is valid relational operator in Python i. / ii. = iii. == iv. and</p>
49	<p>Which of the following can be used as valid variable identifiers in Python? i) 4th Sum ii) Total iii) Number# iv) <code>_Data</code></p>
50	<p>Identify the mutable data types? (i) List (ii) Tuple (iii) Dictionary (iv) String</p>

51	What is the length of the tuple shown below? t=(((('a',1),'b','c'),'d',2),'e',3)
52	Name the python library need to be imported to invoke following function i. sqrt() ii. randint()
53	t1=(2,3,4,5,6) print(t1.index(4)) output is i. 4 ii. 5 iii. 6 iv. 2
55	Given employee={'salary':10000,'age':22,'name':'Mahesh'} employee.pop('age') what is output print(employee)
54	Which of the following are valid operators in Python: (i) ** (ii) between (iii) like (iv)
55	Given the lists L=["H", "T", "W", "P", "N"] , write the output of print(L[3:4])
56	What will be the output of: print(10>20)
57	Suppose a tuple T is declared as T = (10, 20, 30, 40), what will be the output of print(T*2)
58	Write the ouput of following code: d={'amit':19,'vishal':20} print(d.keys())
59	A tuple is declared as T = (20,5,16,29,83) What will be the problem with the code T[1]=100.
60	Name the built-in mathematical function / method that is used to return greatest common divisor of x and y.
61	Identify the data type of X: X = tuple(list((1,2,3,4,5))) Dictionary (b) string (c) tuple (d) list
62	Write the output of following code t1 = [10, 12, 43, 39] print(t1*3)
63	Find the invalid identifier from the following a) yourName b) _false c) 2My_Name d) My_Name
64	Given the lists L=[1,3,6,82,5,7,11,92] , write the output of print(L[1:6])
65	Which of the following is a valid assignment operator in Python ? a) ? b) < c) =* d) and e) //
66	Suppose a tuple T is declared as T = (10, 12, 43, 39), which of the following is incorrect? a) print(T[1]) b) T[3] = 9 c) print(max(T)) d) print(len(T))

67	Write a statement in Python to declare a dictionary whose keys are 1, 2, 3 and values are Monday, Tuesday and Wednesday respectively.
68	A tuple is declared as T = (2,5,6,9,8) What will be the value of sum(T)?
69	Name the built-in mathematical function / method that is used to return an absolute value of a number
70	Identify the valid declaration of L: L = ['Mon', '23', 'hello', '60.5'] a. dictionary b. string c.tuple d. list
71	If the following code is executed, what will be the output of the following code? name="ComputerSciencewithPython" print(name[3:10])