



Date: 09/10/23
GRADE: XI

MONTHLY TEST-2 (2023-24)
COMPUTER SCIENCE

Max marks:20
Time: 50 Min.

General Instructions:

All questions are compulsory.

Qn. No	SECTION A	Marks allocated
1	Which of the following will delete key-value pair for key = "Red" from a dictionary D1? a. delete D1("Red") b. del D1["Red"] c. del.D1["Red"] d. D1.del["Red"]	1
2	Read the code shown below carefully and pick out the values? d = {"john":40, "peter":45} a) "john", 40, 45, and "peter" b) "john" and "peter" c) 40 and 45 d) d = (40:"john", 45:"peter")	1
3	Fill in the blank. _____ function is used to arrange the elements of a list in ascending order. (a) sort() (b) arrange() (c) ascending() (d) asort()	1
4	Which of the following is a tuple with single element? a. t = (1,) b. t = 1, c. Both of the above d. None of the above	1
SECTION B		
5	a)What is a tuple? b) Which of the following statement(s) would give an error during execution of the following code? tup = (20,30,40,50,80,79) print(tup) #Statement 1 print(tup[3]+50) #Statement 2 print(max(tup)) #Statement 3 tup[4]=80 #Statement 4 Options: a. Statement 1 b. Statement 2 c. Statement 3 d. Statement 4	2
6	What is the difference between lists and dictionary? Explain with examples.	2

7	<p>i) Predict the output of the Python code given below:</p> <pre>tuple1 = (11, 22, 33, 44, 55 ,66) list1 =list(tuple1) new_list = [] for i in list1: if i%2==0: new_list.append(i) new_tuple = tuple(new_list) print(new_tuple)</pre> <p style="text-align: center;">OR</p> <p>ii) Predict the output of the Python code given below:</p> <pre>lst=['CS', 'HINDI', 'PHYSICS', 'CHEMISTRY', 'MATHS'] for i in range (0, len(lst)): if len (lst) >4: lst [i] =lst[i]+lst[i] else: lst[i]=lst[i] print(lst)</pre>	2
8	<p>Rao has written a code to input a number and check whether it is prime or not. His code is having errors. Rewrite the correct code and underline the corrections made.</p> <pre>n=int(input("Enter number to check :: ")) for i in range (2, n//2): if n%i=0: print("Number is not prime \n") break else: print("Number is prime \n')</pre>	2
9	<p>Write the output of the code given below:</p> <pre>my_dict = {"name": "Aman", "age": 26} my_dict['age'] = 27 my_dict['address'] = "Delhi" print(my_dict.items())</pre>	2
SECTION C		
10	<p>Write the output of the following code.</p> <pre>T1=(10,20,30,40,50,60,70,80) print(T1) print(T1*2) print(T1+T1) print(len(T1)*2) print(T1[1]) print(T1[2+3])</pre>	3

11	<p>Write a program in Python, which consist a list L of numbers. Thereafter, it increments all even numbers by 1 and decrements all odd numbers by 1. Example : If Sample Input data of the list is : L=[10,20,30,40,35,55] Output will be : L=[11,21,31,41,34,54]</p> <p style="text-align: center;">OR</p> <p>Write a program in Python, that takes the dictionary, PLACES and displays the names (in uppercase)of the places whose names are longer than 5 characters. For example, Consider the following dictionary PLACES={1:"Delhi",2:"London",3:"Paris",4:"New York" ,5:"Doha"} The output should be: LONDON NEW YORK</p>	3
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