

SANJAY GHODAWAT INTERNATIONAL SCHOOL

REVISION TEST-4

COMPUTER SCIENCE (083)

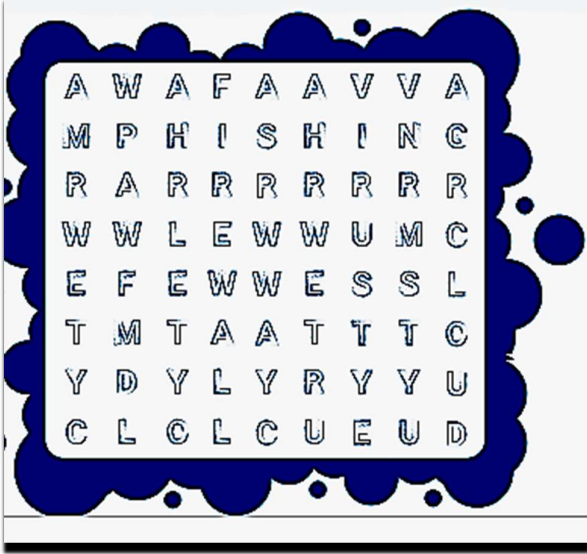
CLASS: XI

MAX .MARKS: 35

DURATION 1HR: 15MIN

Qno	SECTION – A	Marks
	Answer the following questions, each question carries 2 marks.	
1	The record of a student (Name, Roll No., Marks in five subjects and percentage of marks) is stored in the following list: stRecord = ['Raman','A-36',[56,98,99,72,69], 78.8] Write Python statements to retrieve the following information from the list stRecord. (a) Percentage of the student (b) Marks in the fifth subject	2M
2	Write Python statements to retrieve the following information from the list stRecord given in qno1. (a) Maximum marks of the students (b) Change the name of the student from 'Raman' to 'Raghav'	2M
3	What will be the output of the following statements? list1 = (1,2,3,4,5,6,7,8,9,10) print(list1[::-2]) print(list1[:3] + list1[3:])	2M
4	Explain the following with help of suitable example (i) Cyber bullying (ii) Plagiarism	2M
5	a) What will be the output >>>d1={'rohit':56,"Raina":99} >>>print("Raina" in d1) b) Which of the following statements are correct: a. Lists can be used as keys in a dictionary b. A tuple cannot store list as an element c. We can use extend () function with tuple. d. We cannot delete a dictionary once created. i. a,b,c ii. b,c,d iii. b,c,a iv. None of these	2M
6	a) What is the output produced by the following code – d1={5:[6,7,8],"a":(1,2,3)} print(d1.values()) b) What is the length of the tuple shown below? T=(((('a',1),'b','c'),'d',2),'e',3)	2M
7	a) Suppose a tuple T is declared as T = (10, 12, 43, 39), which of the following is incorrect? a) print(T[1]) b) T[2] = -29 (c) print(max(T)) (d) print(len(T)) b) Declare a dictionary to store students information with keys [1,2,3] and name ['Akash','Bikash','Arati']	2M

SECTION – B												
Answer the following questions, each question carries 3 marks												
8	<p>a) Name any 2 social networking apps.</p> <p>b) Ravi received a mail from IRS department (as shown above). On clicking “ ClickHere”, he was taken to a site designed to imitate an official-looking website, such as IRS.gov. He uploaded some important information on it. Identify and explain the cybercrime being discussed in the above scenario.</p>	3M										
9	<p>a) A computer program encrypts (lock by password) all your important documents on the computer and asks to deposit money in certain bank account to decrypt (unlock) those files. What that malicious program is known as?</p> <p>b) What is private browsing? Explain its safe guards user information give to examples of private browsing</p>	3M										
10	<p>Match the output with the statement given in column A with Column B</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; width: 50%;">Column A</th> <th style="text-align: left; width: 50%;">Column B</th> </tr> </thead> <tbody> <tr> <td>1. >>>tuple([10,20,30])</td> <td>a. >>> (10,20,30)</td> </tr> <tr> <td>2. >>>("Tea,")* 3</td> <td>b. >>> 2</td> </tr> <tr> <td>3. >>>tuple("Item")</td> <td>c. >>> ('Tea', 'Tea', 'Tea')</td> </tr> <tr> <td>4. >>>print(len(tuple([1,2])))</td> <td>d. >>> ('l', 't', 'e', 'm')</td> </tr> </tbody> </table>	Column A	Column B	1. >>>tuple([10,20,30])	a. >>> (10,20,30)	2. >>>("Tea,")* 3	b. >>> 2	3. >>>tuple("Item")	c. >>> ('Tea', 'Tea', 'Tea')	4. >>>print(len(tuple([1,2])))	d. >>> ('l', 't', 'e', 'm')	3M
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SECTION – C												
Answer the following questions, each question carries 4 marks												
11	<pre> Find the output of the following program: lis = [2, 1, 3, 5, 4, 3, 8] del lis[2 : 5] print ("List elements after deleting are : ") for i in range(0, len(lis)): print(lis[i]) lis[i]=lis[i]+2 lis.pop(2) lis.insert(1,11) lis.insert(6,12) print ("List elements after manipulation are : ") for i in range(0, len(lis)): print(lis[i]) </pre>	4M										
12	<pre> What is the output of following code snippet? L = [25,8,75,12] for i in range(4): if L[i] % 5 == 0: L[i] //= 5 if L[i] % 3 == 0: L[i] //= 3 for i in L: print(i, end = "#") </pre>	4M										

13	<p>Word search: Find the maximum number of words related to cyber security.</p>  <p>b)</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="354 905 711 1304" style="border: 1px solid gray; border-radius: 15px; padding: 10px; background-color: #e0f2f7;"> <p>1. Which of the following do you think is a strong password?</p> <ul style="list-style-type: none"> <input type="radio"/> An\$#yOuM@n!071 <input type="radio"/> 9570000066@pass <input type="radio"/> Loveyou3000 <input type="radio"/> All of the above </div> <div data-bbox="792 905 1149 1304" style="border: 1px solid gray; border-radius: 15px; padding: 10px; background-color: #ffe0e0;"> <p>2. Which of the below mentioned links are suspicious?</p> <ul style="list-style-type: none"> <input type="radio"/> https://www.faceb00k.com <input type="radio"/> http://www.amazone.com <input type="radio"/> https://www.google.com <input type="radio"/> All of the above </div> </div>	4M