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Mid-Term Examinations – October 2021

Program	:	**B.Tech. & Int. M.Tech**	Semester	:	**Fall_2021-22**
Course	:	**Introduction to Problem Solving and Programming**	Code	:	**CSE1021**
Faculty	:	**Dr. S.Poonkuntran**	Slot/ Class No.	:	**B11+B12+B13**
Time	:	**1 ½ Hour**	Max. Marks	:	**50**

Answer all the Questions

Q.No.	Sub. Sec.	Question Description	Marks
1		What are the properties of an algorithm? Provide an example for all the properties.	10
2		Read the below-given scenario. Mr.XYZ is having Rs.100 in their hand. He planned to hire a taxi or auto to reach the location from A to B. The taxi fare from A to B is Rs.150 and the auto fare from A to B is Rs.125. Represent how much money Mr.XYZ to have more in their hand to reach from A to B using a flowchart.	10
3		Write a python program to read the string and check whether it contains only alphabets or not.	10
4		How will you create a module in python and show the steps to access the functions in a module with an example.	10
5	a	Write a python program to read & print all the elements in the given list. A=[[1,2,3],[4,5,6],[7,8,9]]	5
5	b	Write a python program to read a number between 1 and 100, multiplying the number with the number from 1 to 100 and printing the same. You need to skip multiplying the number with the same number.	5

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