Reg. No.:

Name :



## Continuous Assessment Test-II - October 2022

Programme		B.Tech CSE (Artificial Intelligence and Robotics)	Semester	: Fall 2022-23
Course	:	Machine Learning and its Applications	Code	: CSE3105
Faculty	:	Dr.J. Privadarshini	Slot(s)	: B2
		Distribution of the state of th	Class Nbr(s)	: CH2022231000531
Time	:	1½ Hours	Max. Marks	: 50

## ANSWER ALL THE QUESTIONS

	Consider the training and testing data given in Table 1 and Table 2, respectively.  Table 1: Training Data								
	Sl. No	Al	A2	A3	C				
	1	{A1}	{A2}	{A3}	CI				
	2	{A1}	{A2}	{A3}	CI				
	3	{A1}	{A2}	{A3}	CI				
	4	{A1}	(A2)	{A3}	CI				
	5	{A1}	(A2)	{A3}	C2				
	6	{A1}	{A2}	{A3}	C2				
	7	{A1}	{A2}	{A3}	C3				
	8	{A1}	{A2}	{A3}	C3				
	9	{A1}	{A2}	(A3)	C3				
	10	{A1}	(A2)	(A3)	C3				
	Sl. No A1		A2	A3	Predicted Class				
	1	{A1}	{A2}	(A3)	2				
	training and test data {A1} - {6/7/8}, {A2} - {4/5}, {A3} - {1/2/3} // Represents: categorical data.  For eg: Training Data SI. No A1 A2 A3 C								
			11 7 10 10 10	110					
	Sl. No	7	5	1	C1				
			11 7 10 10 10	1 2					

Reg. No.:

Name :



## Continuous Assessment Test-II - October 2022

Programme		B.Tech CSE (Artificial Intelligence and Robotics)	Semester	: Fall 2022-23
Course	:	Machine Learning and its Applications	Code	: CSE3105
Faculty	:	Dr.J. Privadarshini	Slot(s)	: B2
		Distribution of the state of th	Class Nbr(s)	: CH2022231000531
Time	:	1½ Hours	Max. Marks	: 50

## ANSWER ALL THE QUESTIONS

	Consider the training and testing data given in Table 1 and Table 2, respectively.  Table 1: Training Data								
	Sl. No	Al	A2	A3	C				
	1	{A1}	{A2}	{A3}	CI				
	2	{A1}	{A2}	{A3}	CI				
	3	{A1}	{A2}	{A3}	CI				
	4	{A1}	(A2)	{A3}	CI				
	5	{A1}	(A2)	{A3}	C2				
	6	{A1}	{A2}	{A3}	C2				
	7	{A1}	{A2}	{A3}	C3				
	8	{A1}	{A2}	{A3}	C3				
	9	{A1}	{A2}	(A3)	C3				
	10	{A1}	(A2)	(A3)	C3				
	Sl. No A1		A2	A3	Predicted Class				
	1	{A1}	{A2}	(A3)	2				
	training and test data {A1} - {6/7/8}, {A2} - {4/5}, {A3} - {1/2/3} // Represents: categorical data.  For eg: Training Data Sl. No A1 A2 A3 C								
			11 7 10 10 10	110					
	Sl. No	7	5	1	C1				
			11 7 10 10 10	1 2					