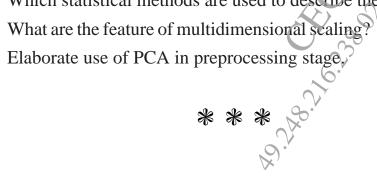
		o. of Questions : 4] SEAT No. :		
PC	184	4 [Total No. of Pa	ages: 1	
B.E. (Computer Engineering) (Insem)				
MACHINE LEARNING				
		(2019 Pattern) (Semester - VII) (410242)		
Time	. 1	Hour] [Max. Mar	rks · 30	
		ions to the candidates:	. S. SU	
	<i>1</i>)	Answer Q.1 or Q.2, Q.3 or Q.4.		
	<i>2</i>)	Figures to the right indicates full marks.		
	<i>3</i>)	Draw neat diagram wherever necessary.		
	<i>4</i>)	Assume suitable data, if necessary.		
Q 1)	a)	Describe in detail different Machine Learning models used.	[5]	
	b)	What are the main differences between supervised learning	g and	
	,	reinforcement learning?	[5]	
	۵)			
	c)	Explain geometric models and its types.	[5]	
Q 2)	a)	Compare Artificial intelligence and Machine learning.	[5]	
	b)	Describe the various steps involved in developing a machine le	arning	
	- /	application.	[5]	
	c)	Describe grouping and grading models.	[5]	
	,			
		9.	5	
<i>Q3</i>)	a)	Convert given data set in normalized data set. $D = \{23, 29, 52, 30, 100, 100, 100, 100, 100, 100, 100,$	31, 45,	
	d	19, 18, 27}.	[8]	
	b)	Why do you need categorical variable encoding? With an example, e	explain	
-	V	one-hot encoding.	[7]	
(7		[,]	
04)		OR Which statistical motheds are yeard to describe the Satura of data	o [=]	
Q4)	a)	Which statistical methods are used to describe the nature of data	? [5]	
	b)	What are the feature of multidimensional scaling?	[5]	



c)

[5]