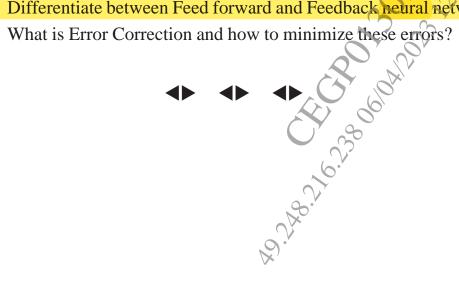
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Tota	ıl No	o. of Questions : 4] SEAT No. :		
PA-10122		1122 [6009]- 426 [Total No. of Pages	<u> </u>	
		T.E. (Artificial Intelligence and Data Science) (Insem)		
ARTIFICIAL NEURAL NETWORK				
(2019 Pattern) (Semester - II) (317531)				
		(201) 2011-1011-1011-1011-1011-1011-1011-1011		
Time: 1 Hour]			30	
Insti		ions to the candidates:		
	1) 2)	Answer Q.1 or Q.2, Q.3 or Q.4. Neat diagrams must be drawn wherever necessary.		
	<i>3</i>)	Figures to the right side indicate full marks.		
	<i>4</i>)	Assume suitable data, if necessary.		
		29		
Q1)	a)	What is a neural network activation function? State its Types?	[5]	
	b)	Explain architecture of Artificial Neural Network with a neat diagram.	[5]	
	c)	Explain Mc-Culloch & Pitts model with an example.	[5]	
		OR OF		
Q2)	a)	What are the main differences among the three models of artificial neur	on.	
2-/			[5]	
	b)		[5]	
	c)	Differentiate between Biological Neural Network and Artificial Neu		
	<i>C)</i>	Network.	[5]	
		THE WORK.	[°]	
<i>Q3</i>)	a)	Explain Perceptron Learning Algorithm with an example.	[5]	
23)		Explain the architecture of Multilayered neural network.	[5]	
	b)	, ,	. ()	
	c)	Write and explain the steps of Back Propagation Learning algorithm	12]	
		OR OR		
Q4)	a)	Draw the architecture of Back Propagation Network and explain in det	ail.	
		δ .	[5]	
	h)	Differentiate between Feed forward and Feedback peural network	[5]	



c)

[5]