## Unit - V

Q.5.	(a)	Explain the model of Liner Bounded Automation	6
	(b)	Construct a grammar for Language	
		$L=\{a^nb^nc^n n \gg\}$ using context sensitive	6
	(c)	Explain the properties of context sensitive language	4
		Or O	
Q.5.	(a)	Explain Chomsky Hierarchy in detail with suitable example	6
	(b)	Prove the following:	
		(i) If L is a context - sensitive language, then L is accepted by linear bounded Automation	y a 6
		(ii) If L is accepted by linear bounded Automation, the L is content of the L is conte	ext 4