A. 다음 언어들이 Context Free language가 아님을 증명하시오.	
2.30(a) $\{0^n 1^n 0^n 1^n \mid n \ge 0\}$	
20 262	
2.30(b) $\{0^n \sharp 0^{2n} \sharp 0^{3n} \mid n \ge 0\} = \bigcup$	
PF) L 0 CFL 7126, P=PL >1 (3) (M) 70	
S = 0° # 0° # 0° EL, s= wowz 8) vny ≤ PA	
Overy > #: UV2xy2 or UVxy2 El	
2 0° # 0° # 0°°	
VX以外列外に得,UVxy空間。四の川州明 (:2:3 色和 多站.	
(3) D 井 O 井 O 井 O サ O 1 1 2 1 3 至 元 2 元 2 元 2 元 (2) 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	
(IPE Forne Rumping X)	
2.30(c) $\{w \sharp t \mid w \text{ is a substring of } t, \text{ where } w, t \in \{a, b\}^* \} = \bigcup$	
L: CFL 2126 => P=PL 21	
5 = 2 6 # 2 6 E L, 5 = Unity =	
(PV or y → # : UVåy°z € (-: # 5/604)	
② UV2 EW: UV2xy²z € L (: # 毀望3/17) 日 升型)	
B UVZEt: UVZY°Z = aPb#w wich 1w/1 (2P	
D, W' and cortain alb	
$(4) \times (4) $	
1 7 E . UV NY Z = (N b AT (N 6, (1/21) FL	

