W = (a16) } W=ab/ab/ab/.
WW=ab/ab/.
WS/=aaaaa abb abb aa66 ababba W C => C.E 3 / d \_\_\_\_\_ abbabbal 5 25525 abal 7 / Sab L/ aaal/ odd haget

aine CFG L={aibicK|j=i+K,i,j,K21} aaa 55556 cc, a 66 c aa 66666 CCC, - - - - . A-) aAb|ab -> an 6n/ n21 B-) PB(|P( =) Pw(m/ m51

Give (F4 L={a'b'c'/[i+j)(or)(j+k)} S-) ADC | EAC | EBC | EDB (1) ici) (4) j > K 1-Alan  $E \rightarrow aE | a = ) a^n n 21$ D-) 60/6 => 67/21 a; 5 2 K/ i=j 88 j=K d-) cd/c == (m/m21 2-5tackf A-1aA6 ab => 2 2 / n21 1-Stact B-) 68(1bc => 6n, m/n21

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Thank you

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S-XC/AB/BA C-> LLC/L - all odd byth ete=e 010=0 B-> LBL/b - odd Gry mid-b A-) LAL a---) 11 11  $\frac{1}{\omega\omega} \xrightarrow{\Gamma h \to PDA} (abb baa)$ WW is CFL Secz CFG PM:86 but ww is not CFL (It is (SL) SO CFL'S ere not closed under complement Ø. 0

