

production sules satisfy one of the following

(1). Mon- termited generality formited

(2) Mon-terminal generating two terminal

(3). Strut Symbol generating E.

> S > ASA Lab, A > B IS, B > b le

State So b Jo -> S 1's added to production set by becomes

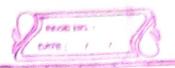
So - S, S -> (+SA | aB /A -> B|S, B->b) =

(2). We will perove the hull productions

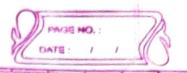
BAEXADE

After removing B>E production Set

10 75, 5-1 ASA | aB | a, A-1B | S | E, B-16



After removing Are, productions set becomes Sons, snor laBla lAS (SAIS, A -B) S, Bob (3). Now per femore the unit productions. After senoving 1-15, production become SUTS, ST HSAIGBIGI HS ISA, HOBIS, BOB After remeining 6-15 production becomes Son ASA laB lal ASISA, SO ASA laB la ASISA A + BIS, B +B So TASA LeB | al AS | SA, SA ASA | aB | al AS | SA A -> 5/b BALLIS LAY! YA - Atter servery A+S production becomes SUA MATUBIAL al AS ISA SA MASA CAB CALASISA A - 61 /43/7 / aB/al/18/SA, B - 6 (4), we will firedout more than two variables in RHS SO -> ASA S-> ASA A-> ASA Golates two Mon-terminals in RHS.



-) The we used feplace each A + B, B-With AT BIC COB2-Bh. At aB; terminal & H, B are pen-terminal, at then replaced by AT YB & X-9a. > So > A X | aB | a | As | SA S - 1+× |aB|a/ AJ(SA A- blax lable 1 AsISA B -> b Charge production lo + aB, of the B Fire production set becomes SO + AX [YB] CLIAJ SA SAAXIVBI aIASISA A > bA > b (AX/ YB) 4/ AS/ SA BIB