A nalytical -6 s: No = 33 (i) Consider grannar Ediminate Certreaming A + ABd | Aa | a B + Be 16 varinary volution 31 38 + 8 A + aA'

A' + BA' | E

A' + BA' | E B > bB' B > bB' B' > eB' | E (is) 2 liminate (eff recussion 2 =) A -> AAa / Binney many many Po 2 A 3 PA Wall Subong soft 6 A A AAA E. (iii) bo left factoring, a. s + bssaas/bssasb/bsb/a 87 65\$1 | 9 10 Hours stre S' > Saas | sb | s b. saasbslasasblabblb (A) , as have common prefix ag o 2 - production as 6 s and abb Common pretix aabon Scanned with CamScanner

s -> ass / labb / b S: No = 33

S -> Sbs / sbs / E

R. praveen ganes o(iv) Check wheter grammar is 59 4 9 LLC1) or not. stiets/ietses/q SSIEts/iEtsPS/a E > 6 Nothwood E + storing & & = 3 for non-terminal s! -> the productions saiets and S > IF the S both besign with terminay (in. violation grammar is NOT (CC) fors. for non-terminal End en -) The production & > 1d does not have any other conflicting producting Mot (cc) grannan!