## (HONGSKY HIERAR PAGENO.: Type3 Type2 Type 3 grammar 6- Regular Gyrammar for R. Longuages non terminalis non terminal on RHS is 00 LHS

di not a Type 3 eg 1- s > aa ? grammar belouse one production is  $A \rightarrow Bb$   $B \rightarrow C$ an Right linear and other is left brear SE (IUT)\* variable u there and on Phis livrything's acceptable Call combinations of a El A > Aa A-) aB B- aa B + AB

Contest Censitive Grammar # Typel d -) B d E (VUT) + V (VUT) + B E (VUT) + is this means & is not allowed on Rhs le A -> 1 is not a

Production of type I gramma Open to A on us attent one variable is there and along with that any combination of abo -> b most valid ber 121 Should be Oba - babB, less than or equal to B As > bc CAF

Typeo unrestricted Grommar  $A \in (V+1)^{*} V (V+1)^{*}$   $B \in (V+1)^{*}$ remictions except that allessons
variable on us

no rubiction of length of 2

and B.