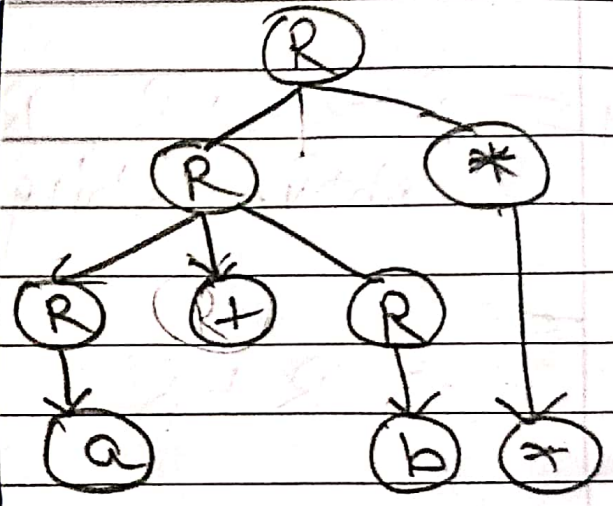
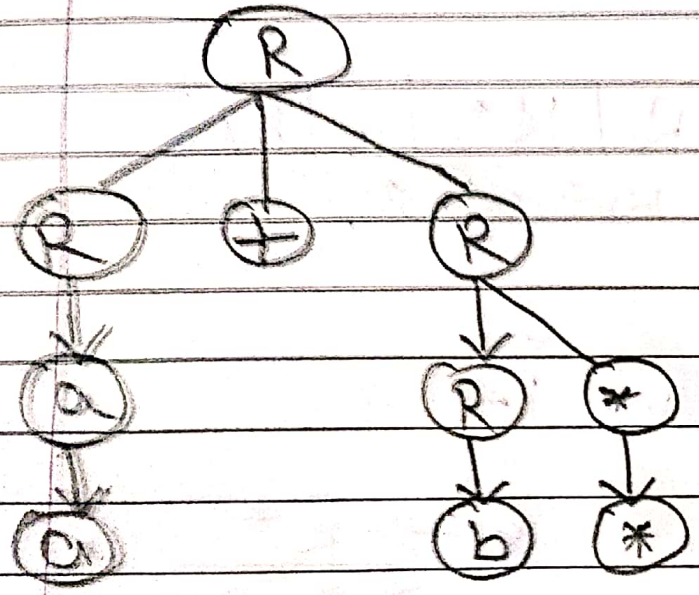


Section - b -

Q4 $R \rightarrow R+R / RR / R^* / a / b / c$
 obtain $w = a + b^*$

$R \rightarrow R+R$
 $\rightarrow a+R$
 $\rightarrow a+R^*$
 $\rightarrow a+b^*$

$R \rightarrow R^*$
 $\rightarrow R+R^*$
 $\rightarrow a+R^*$
 $\rightarrow a+b^*$



The grammar is ambiguous because here a leftmost derivation exists more than ~~one~~ one.