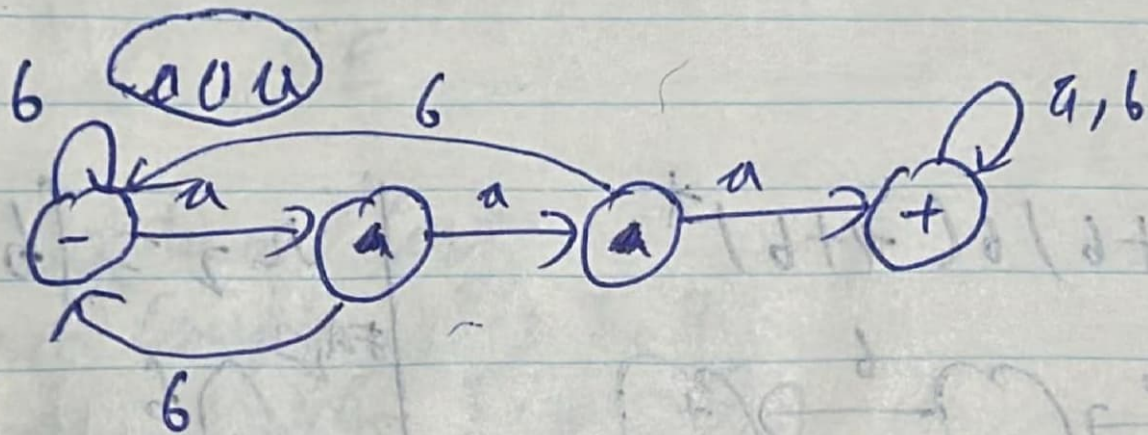


$\Lambda \rightarrow$ Null string

11th page

Question - 1



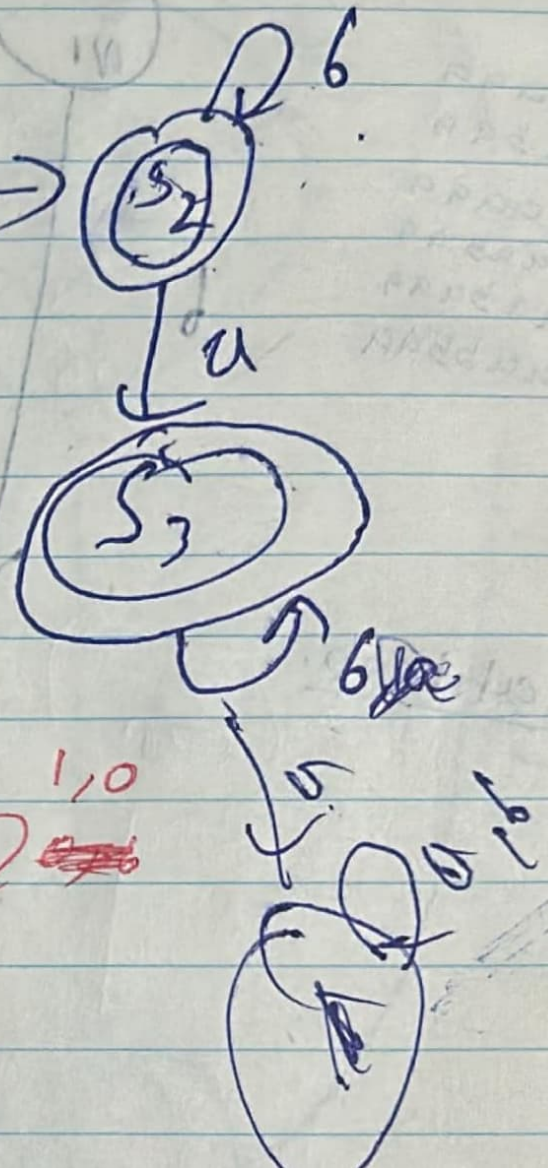
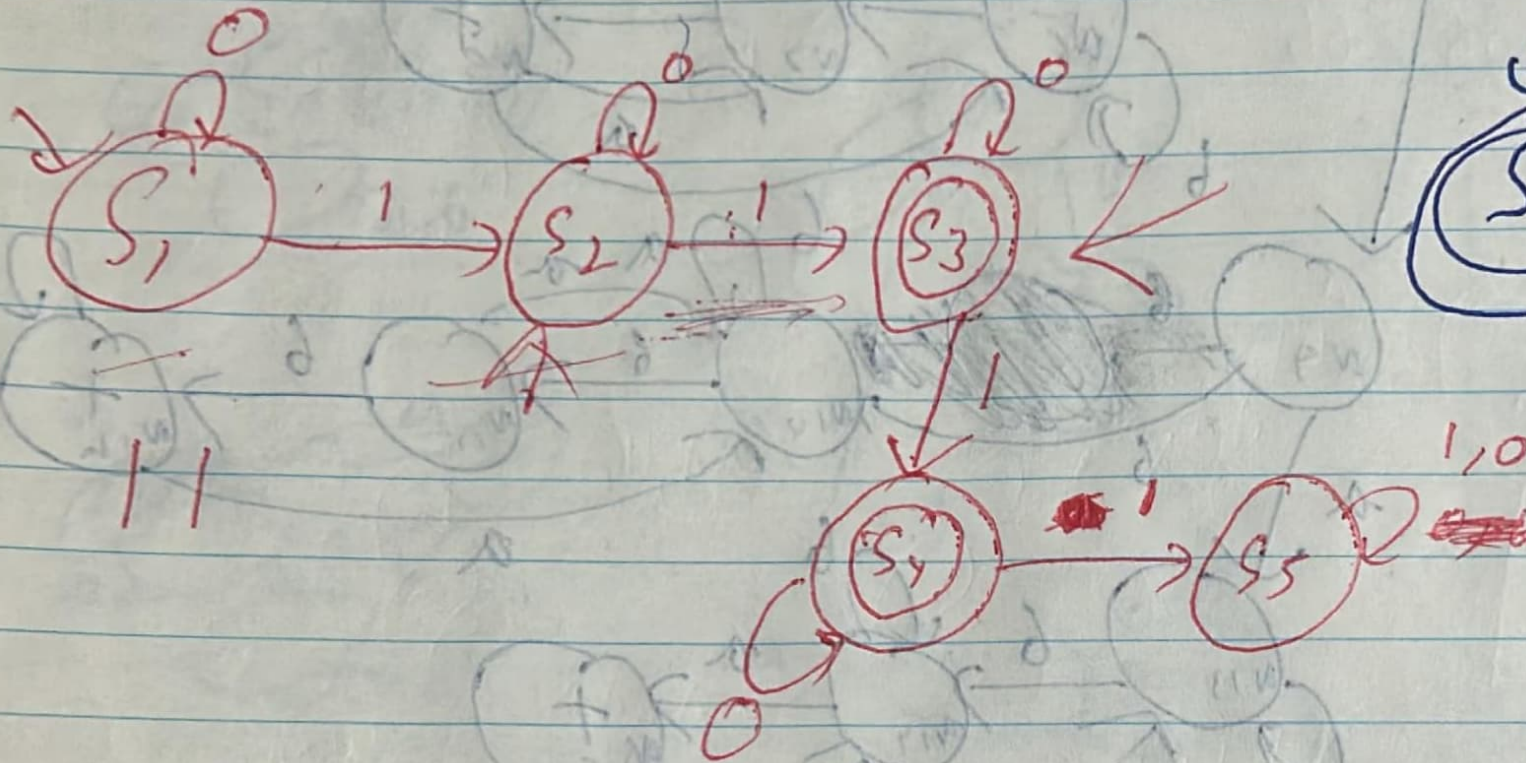
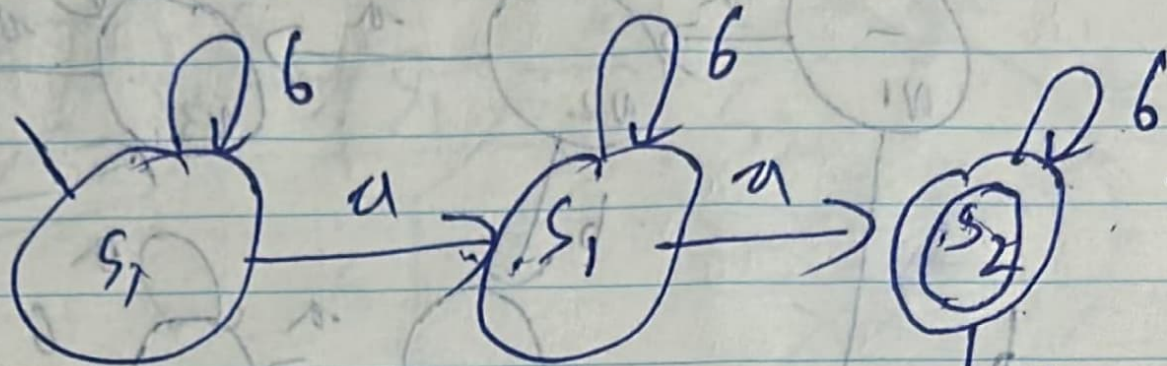
6aa

aa

.aaa

Question 2

a.



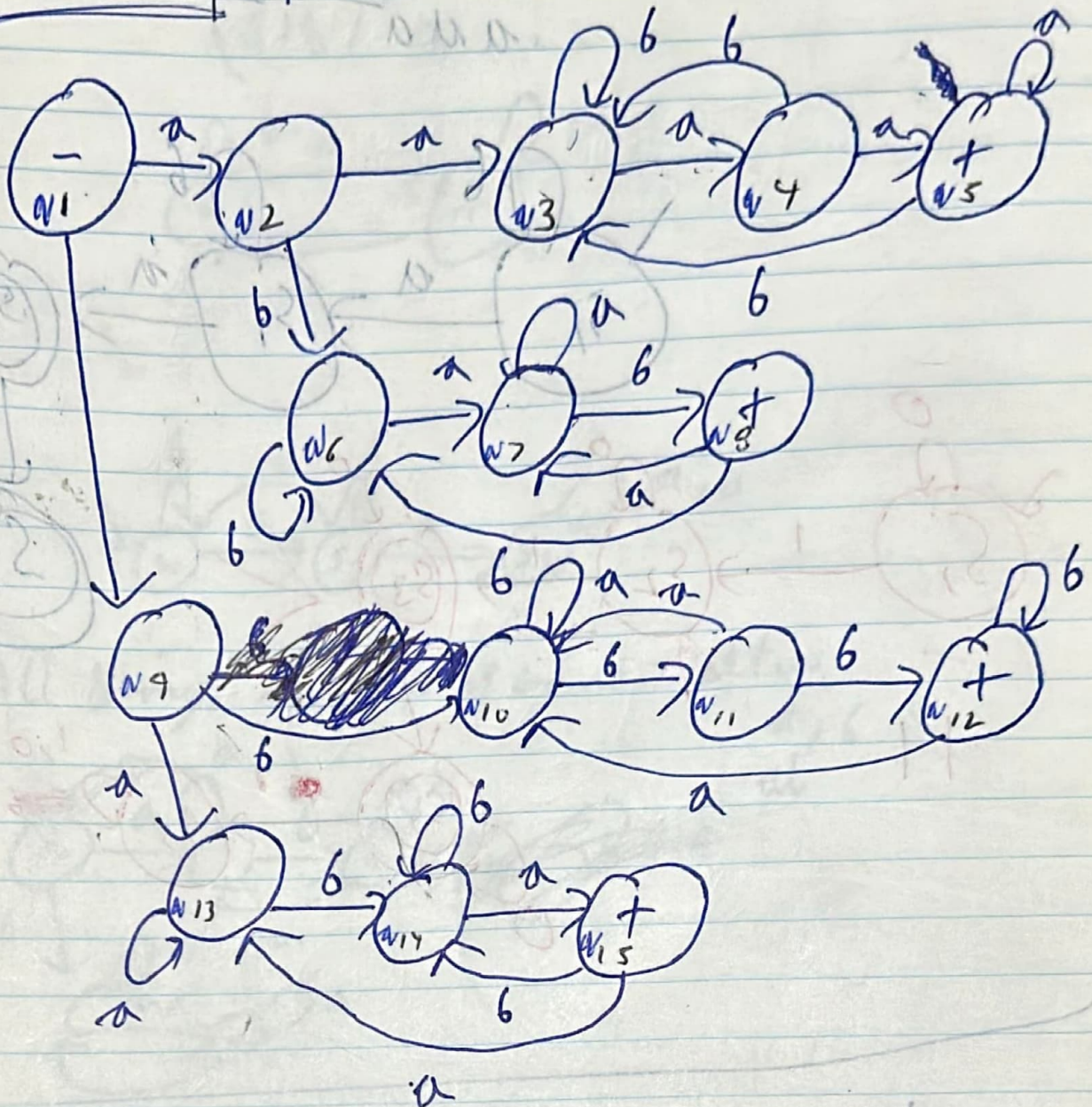
Question ->

L_1

$aa.bbbabbaa$

aaa
aba
aaaa
aabaa
aabaa
aabbaa

abbaab.



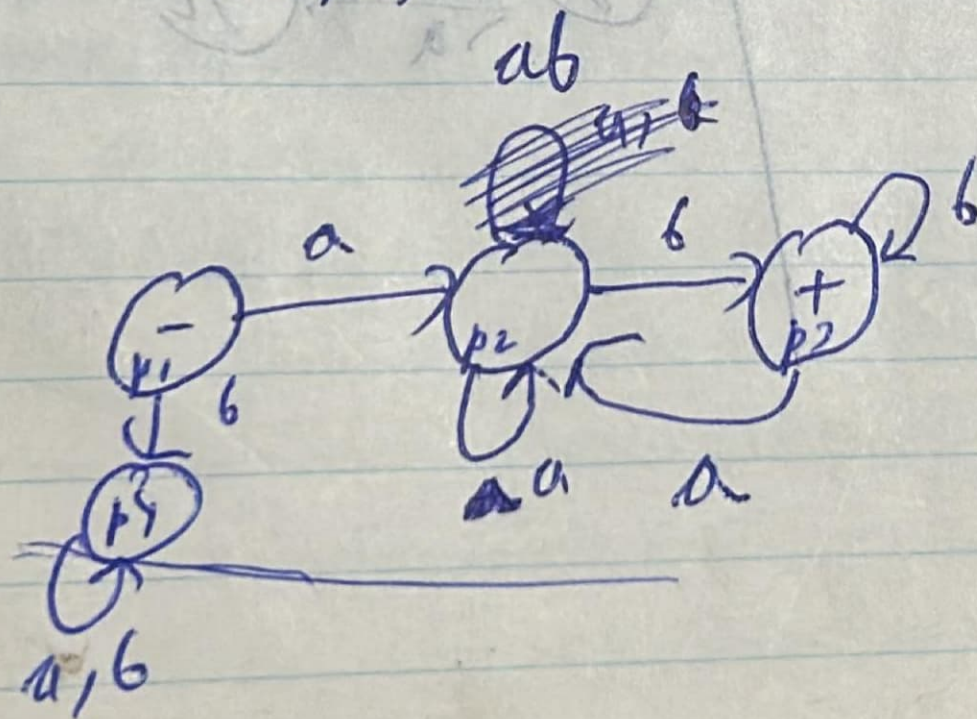
ababaaabbbabab

abbb

baababbbbaaba

L_1, L_2

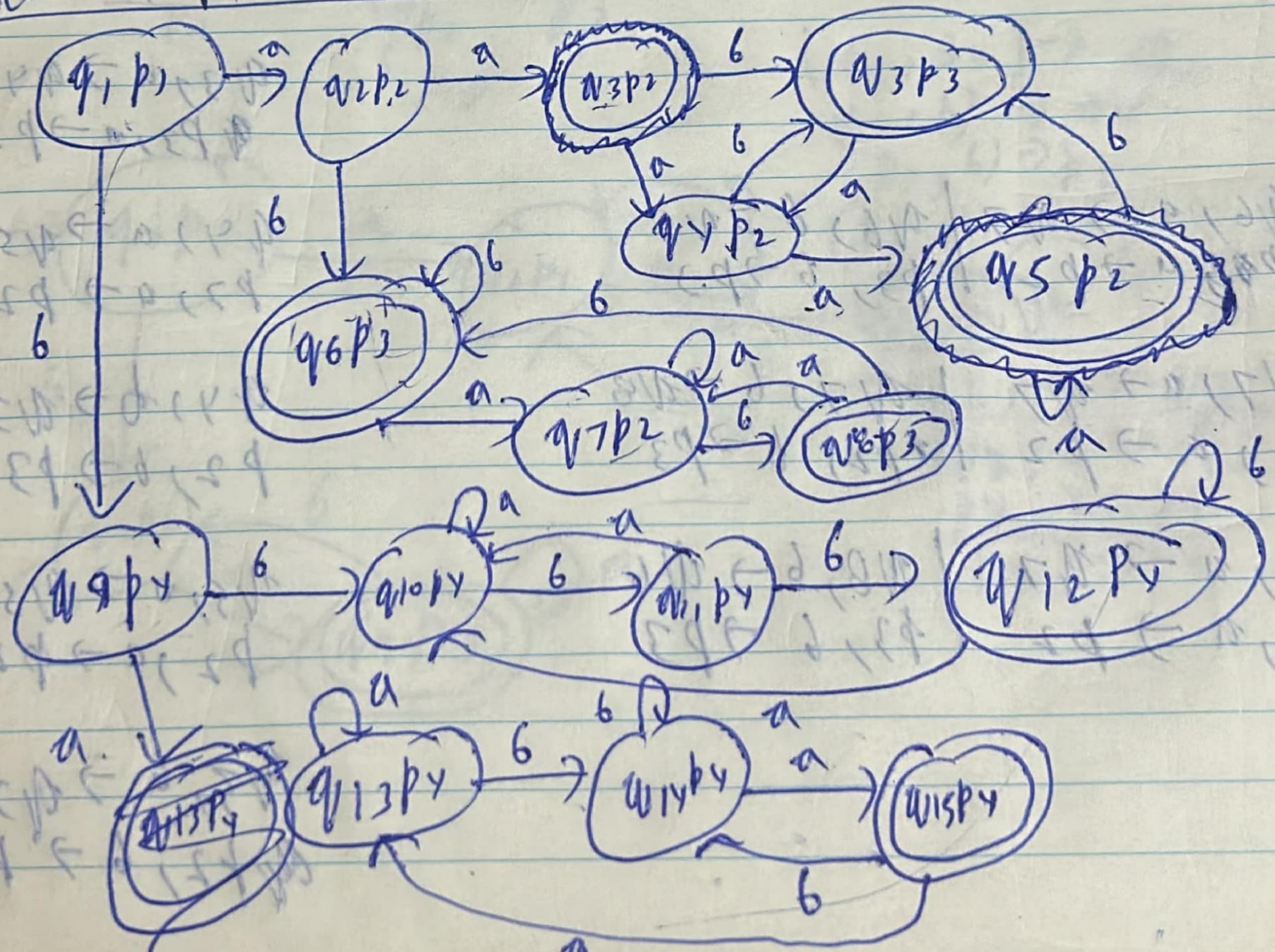
Question -> $a(a+b)^*b$ $\hookrightarrow 2$



Mark Question :- 6 (a)

aaaa

aaabbaa



$$(aa+bb + (ab+ba)(aa+bb)^*(ab+ba)^*)^*$$

$S \rightarrow P$
 $P \rightarrow$

question - 6 (6)

