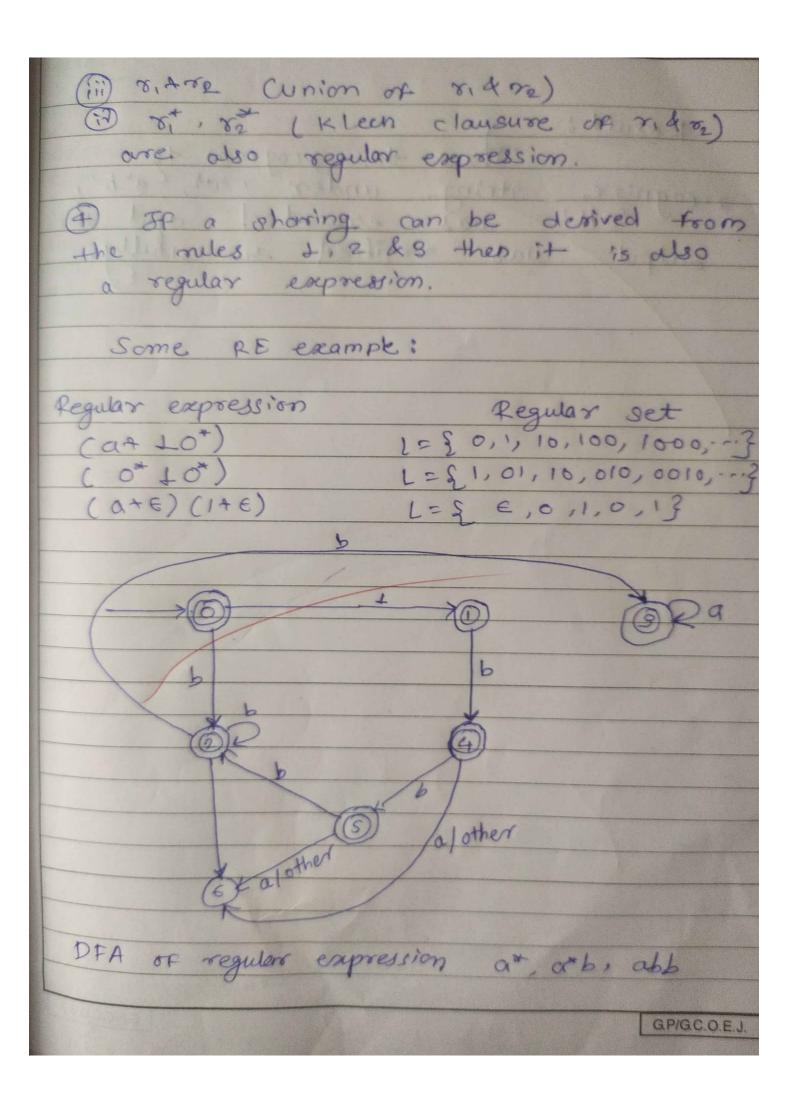
(30) 10 3 An Road look has some

GP/GCO.E.J.

to the language (CR). Ly is a regular (y) where 1(x+y) = 1(x)+1(y) to the language L(x). L(y) where L(x,y) = L(x). (L(y) ponding to the language. If we apply any or the rules severa times from 1 to 5, they are orgular empression. Regular expression can be defined by the following rules. 2. Every retter of the alphabet & regular esepression. 20 / NULL string, 6 & empty set & are regular expressions. l FF 81 & 82 are regular empressions, then (I) TITE (concatenation of (r, r2) G.P/G.C.O.E.J.



Page No. Class Roll No. Date recognize string under rati, catb, was executed and was verified successfull

else nintf("\n String not accepted by automata.");

Output:

PS C:\c programs> gcc A3.cpp

PS C:\c programs> .\a.exe

Enter a string:aaaaa

aaaaa is accepted under rule 'a\*'

PS C:\c programs> .\a.exe

Enter a string:abbbbb

abbbbb is accepted under rule 'a\*b+'

PS C:\c programs> .\a.exe