Rohan Nyoti 500075940 R177219148 Botch-S (AID ML) Assignment - 1 B.1 Construct minimal DFA 1) and whose m20, n20 where n, m > 1 <u>8-21</u> 2) L = } a & b c m c m | l, m, n≥1 2) L= {alm cn/l,m,n≥0}

8.31 Construct a mDFA that accepts all string's of a's b b's where down string contains a" as the the 5th symbol from LHS. guen: = = {9,6} > quo a,b qua,b que a,b que a

B-4 Constauct mDF A that accepts all stocings of a's & b's in which 2nd Symbol fecomRHS is a".

and 
$$z = \{a,b\}$$

$$\Rightarrow \{a,b\}$$

$$\Rightarrow \{a,b\}$$

$$\Rightarrow \{a,b\}$$

B.5] Construct mDFA that excepts all strings of s's by so in which no of a isdurisible by 26 no of b divisible by 3.

