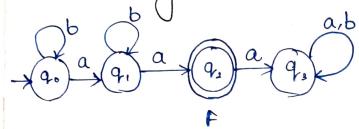
CSPC41

'Problem Sheets -1

106119100 Rayneesh Pandey

Question $01: \Sigma(a,b)$

(a) exactly two a's.



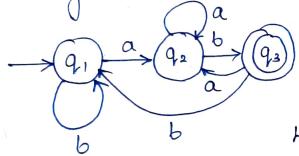
 $L = \{ aa, aba, -- \}$

(b) at least two a's 0,6

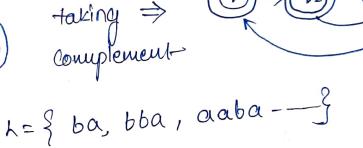
h={ aa, aaa, aba--}

(c) do not end with ab

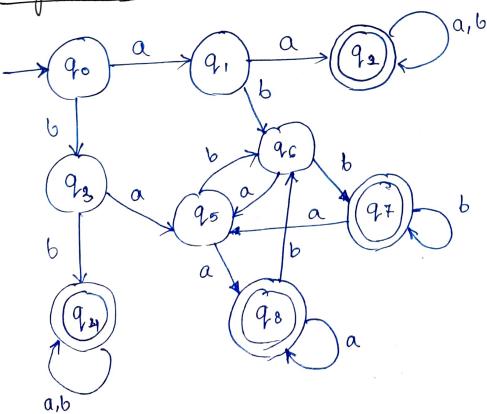
(i) String end with 'ab'

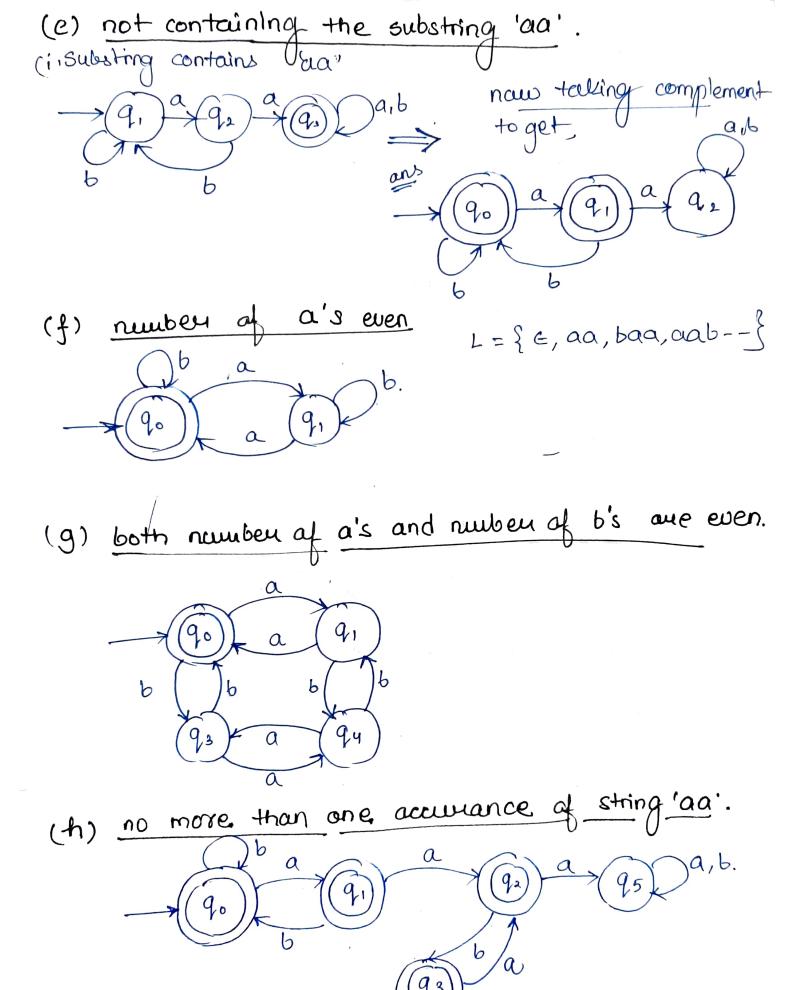


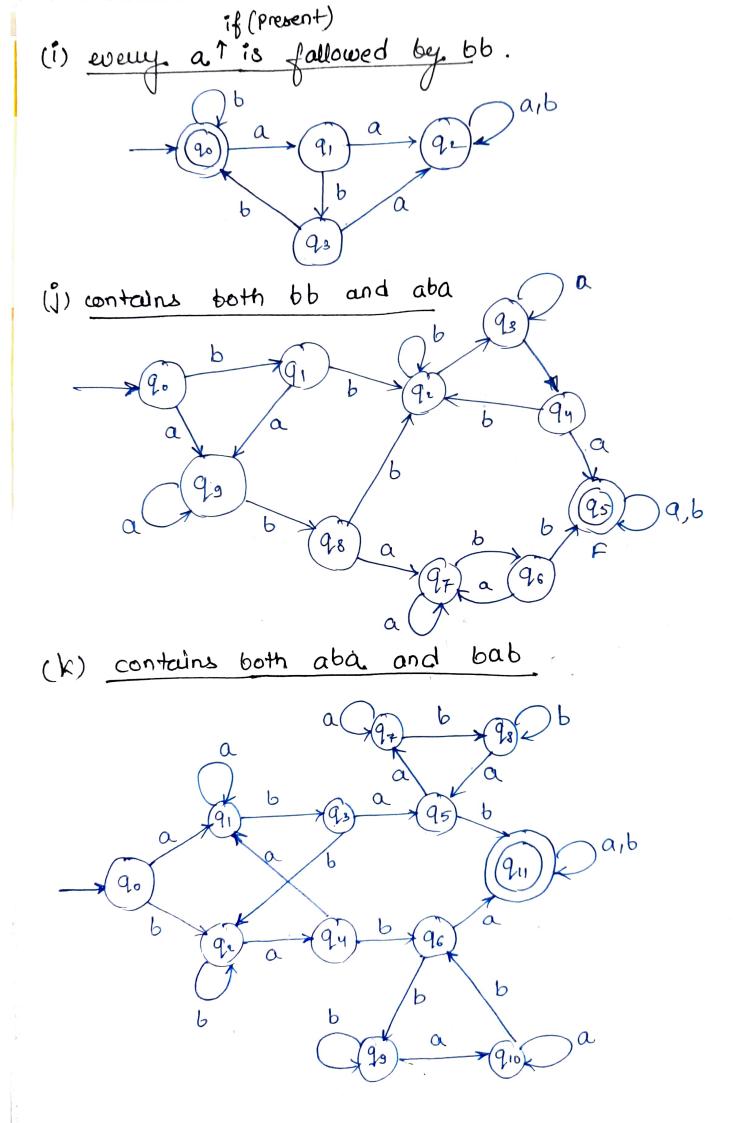
50, taking > Complement



(d) begin or end with aa or bb







Question 2

- (a) The language of all strings that contains.
- (b) The language of all strings that ends with
- (c) The language of all strings that staut with caaba' should not
- (d) The language of all strings that 1 staut with 'b' mor end with 'a'
- (e) The language of all strings: (ab+ba),

 9e, set of strings of ab's and ba's

 of even length including nell strings.

 50, 1= { E, ab, ba, ab'ab, abba, --- }