Evaluation Schene (Mrd Sen-2018)

FLAT (CS-3003)

(STh. Senertex)

b.
$$L_1 \cdot L_2 = \{a^n : n \neq 2\}$$

c. Both are equivalent because both represent (a+b)*

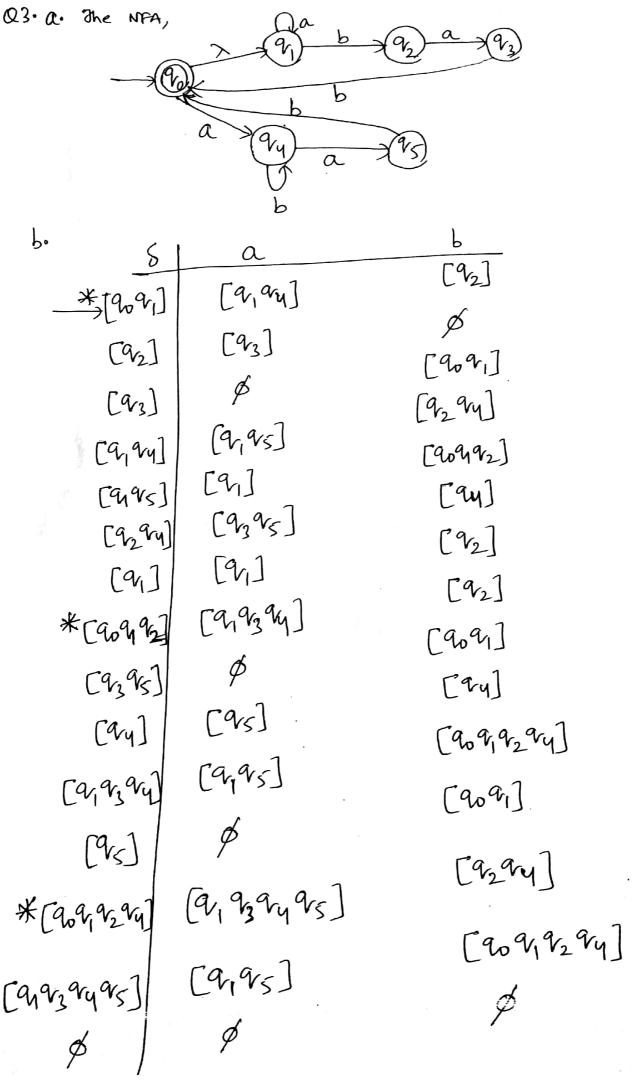
d. Mun:

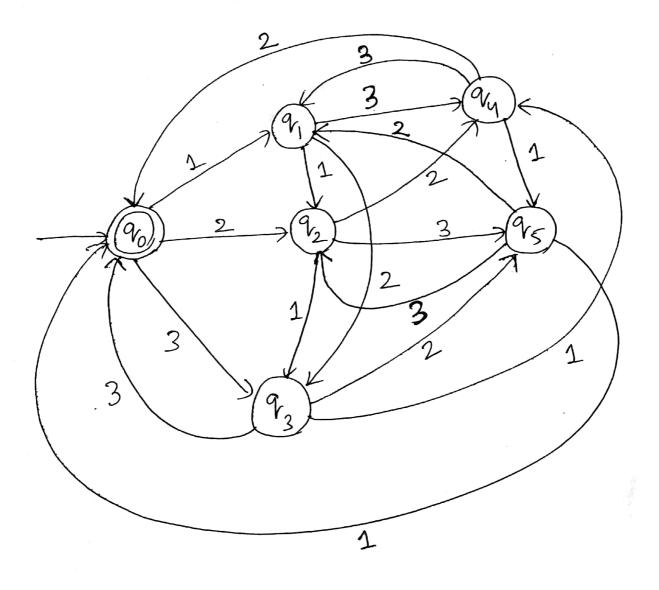
 q_0
 q_0

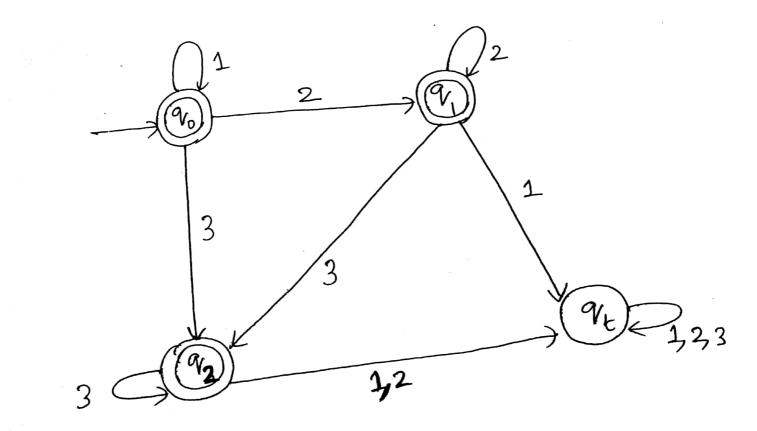
e.

Scanned by CamScanner

+ bb (atb)2(atb)* bb







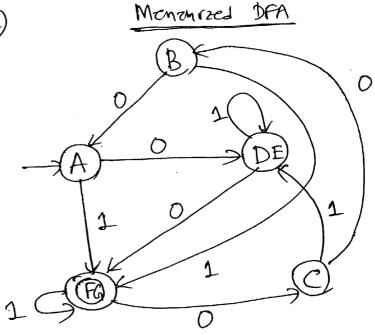
05.

a. After applying minimization,

[A], [B], [C], [D, E], [F, G]

and (H of unreachable)

The DEA



b. If the removal order US {B,C,DB, then the regular expression would be

(1+01*0)(1+001+011*0+000(01*0+1))

The regular expression may be different depending on removal order of states.