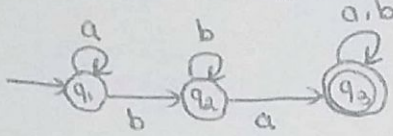


Ex 3

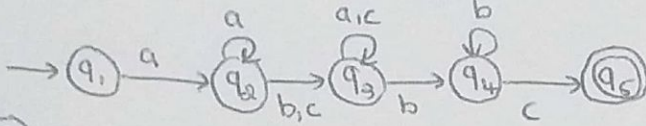
(a)

ER: $(a+b)^*ba(a+b)^*$



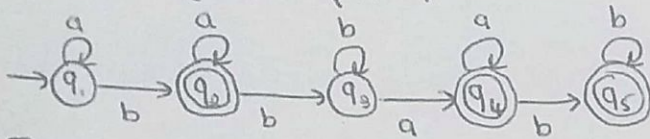
(b)

ER: $a(a+b+c)^*bc$



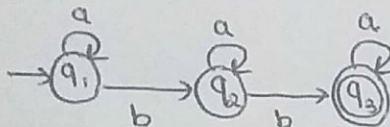
(c)

ER: $a^*b(a+b)^*b(a+b)^*$



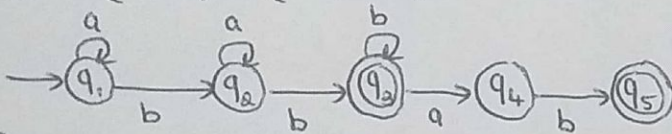
(d)

ER: $a^*ba^*ba^*$



(e)

ER: $(a+b)^*b(b^*+ab)$



(f)

Question 2

$\rightarrow c^*((ba)^*b(ab)^*+((ab)^*a(ba)^*))$

Question 3

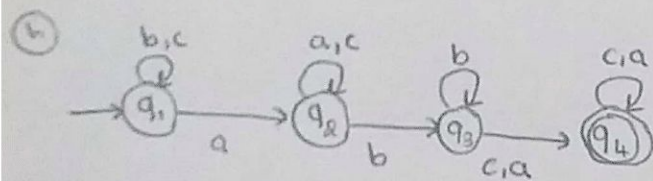
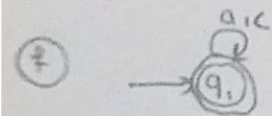
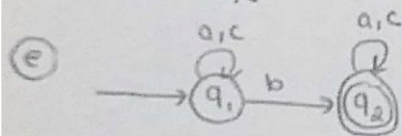
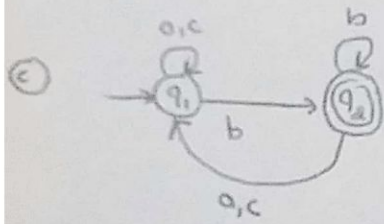
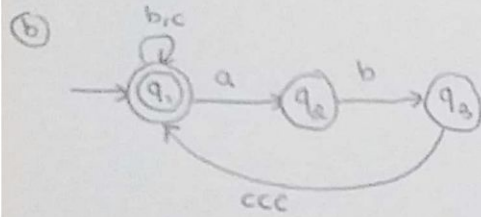
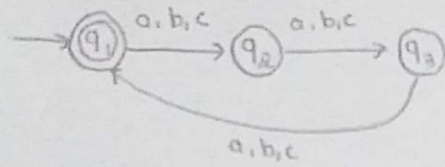
$\rightarrow b^*(ab+ba)^*$

Question 4

- contient
- ne contient pas
- ne contient pas

Ex 4

(a) multiple 3



Ex5

$b^+ \mathcal{E}(a+b)^* a^* (a+b)^* b b$