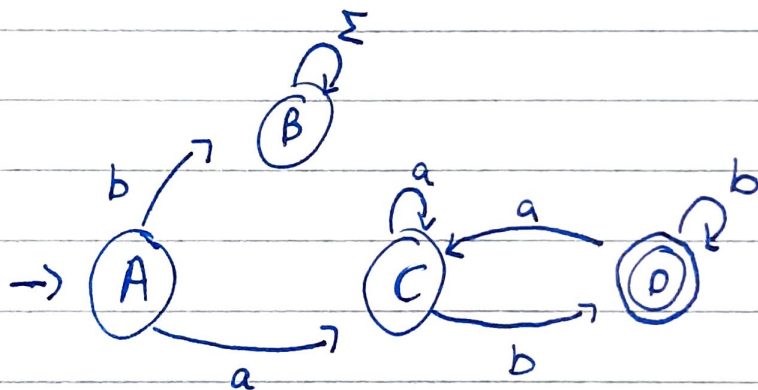


(a)



(b) $DFA = (Q, \Sigma, \delta, q_0, F)$

$$Q = \{A, B, C, D\}$$

$$\Sigma = \{a, b\}$$

$\delta =$

	a	b
$\rightarrow A$	C	B
B	B	B
$\bullet C$	C	D
$*D$	C	D

$$q_0 = A$$

$$F = \{D\}$$

