

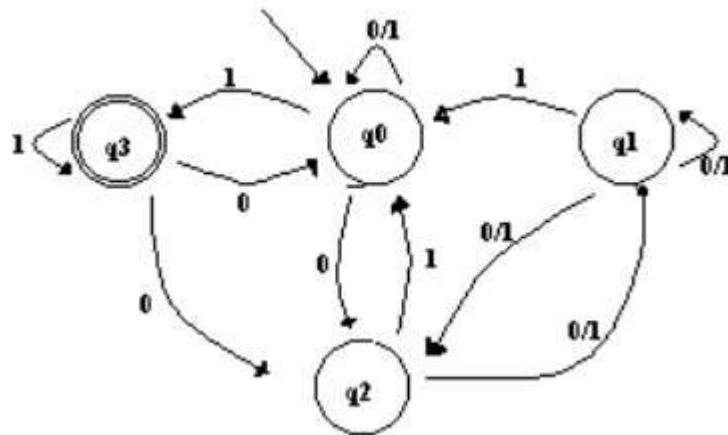
Convertir los siguientes AFN's en AFD's equivalentes:

$$Q = \{q_0, q_1, q_2\} \quad \Sigma = \{a, b\} \quad q_0 = q_0 \quad F = \{q_1, q_2\}$$

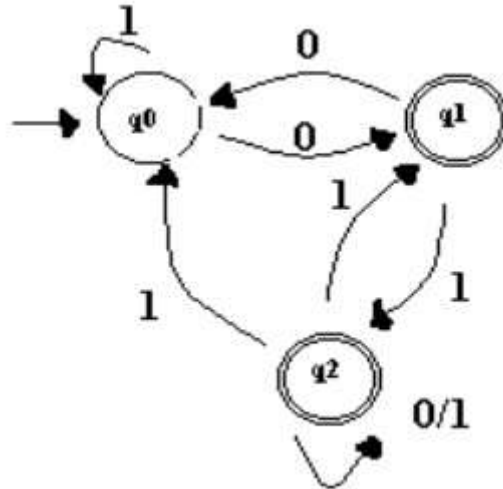
a)

$\int$	a	b
$q_0$	$\{q_2\}$	$\{q_1\}$
$q_0$	$\{q_0\}$	$\{q_2\}$
$q_0$	$\{q_1, q_2\}$	$\{q_0, q_2\}$

b)



c)



d)  $Q = \{A, B, C, D, E\}$   $\Sigma = \{0, 1, 2\}$   $q_0 = C$   $F = \{B, C, E\}$

$\int$	0	1	2
A	{A,B,C}	{ B}	{ C,E}
B	{ C}	{ A,D}	$\Phi$
C	{ C,D,E}	{B,E}	{A,B,E}
D	{ }	{E}	{A,D}
E	{B,C,D}	$\Phi$	{A.B.C.D. E}

e)  $Q = \{1, 2, 3, 4\}$   $\Sigma = \{a, b\}$   $q_0 = 2$   $F = \{1, 3\}$

$\int$	a	b
1	$\Phi$	$\{2, 3, 4\}$
2	$\{2, 4\}$	$\{1, 3\}$
3	$\{1, 2, 3\}$	$\{ \}$
4	$\emptyset$	$\{1, 3, 4\}$