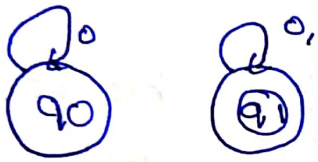
Section - 3

Q1.

Answer:-



$\Sigma = \{00, 11, 01, 10, 11, 00, \ldots\}$

$M = (Q, \Sigma, \delta, q_0, F)$ be a DFA

q_0 = initial state = $\{q_0\}$

$\Sigma = \{0, 1\}$

F = Final State.