

CSE 331 ASSIGNMENT 1

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SECTION: 07

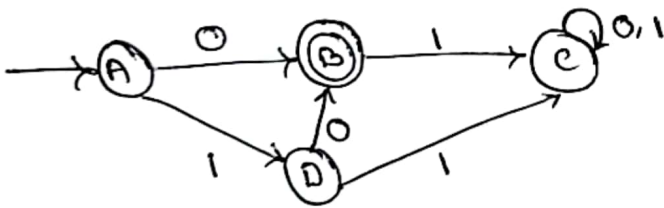
QUIZ 1 [SECTION 5]

$$(a) L_1 = \{ \epsilon, 0, 10, 00, 1010, 010, 100, 0010, 0100, 0000, 101010, 00000, 00010, 1000 \}$$

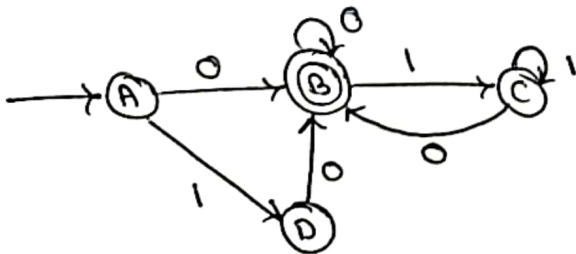
$$L_2 = \{ 0000, 1111, 1000, 1100, 1110, 1001, 1011, 1101, 1010, 10001, 0010, 0100, 0101, 0110 \}$$

$$L_1 \cap L_2 = \{ 1010, 0010, 0100, 0000, 1000 \}$$

(b) L_1

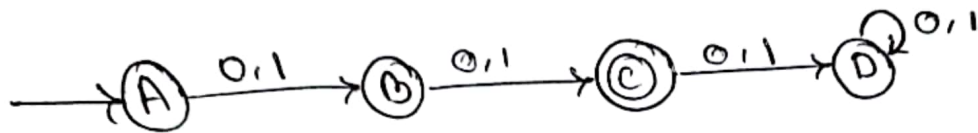


(c) L_2

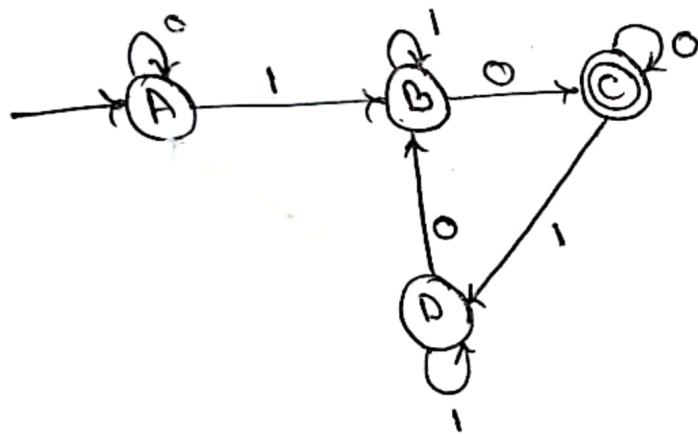


Quiz 1 [SECTION-6]

(a) L1



(b) L2



(c) $4 \times 4 = 16$

(d) $L1 = \{00, 01, 10, 11\}$

$L2 = \{10, 101010, 011000, 001011\}$

$L1 \cap L2 = \{10\}$

$\therefore 1$ string

10

