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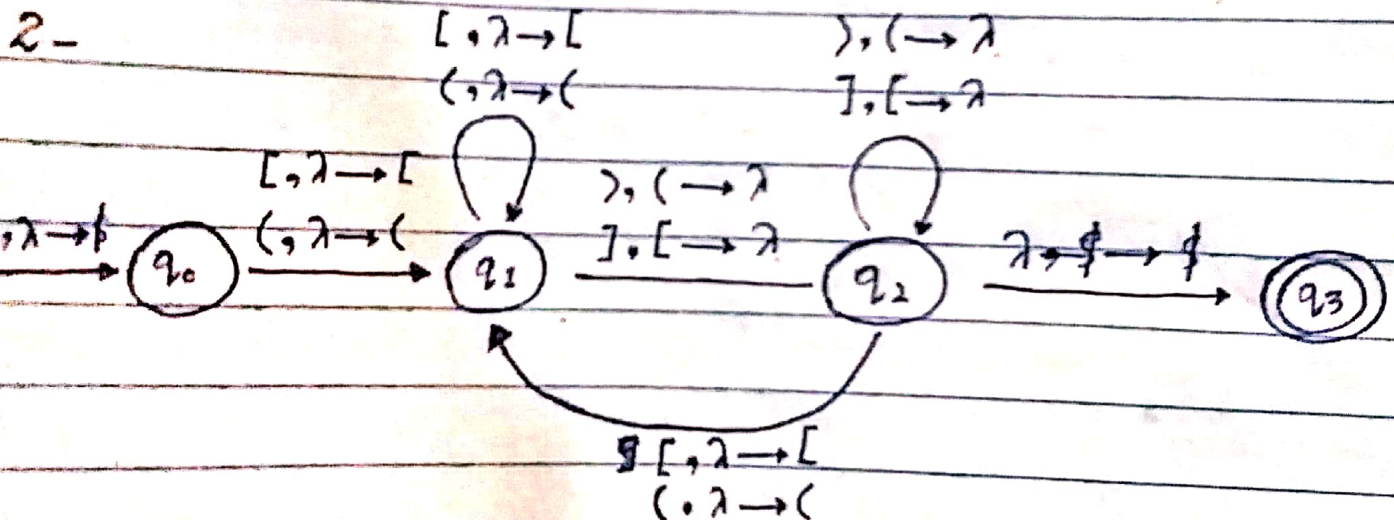
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TOA

## MOCK EXAMINATION

### QUESTION: 1 A

1-  $S \rightarrow [s] \mid (s) \mid \lambda \mid ss$



### QUESTION: 2 B.

$$L = \{ w \mid w \in 0^n 1^{n+1}, n \geq 0 \}$$

3-  $L = \{ 1, 011, 00111, 0001111, \dots \}$

$S \rightarrow 0S1 \mid 1$

4-

