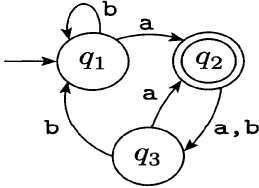
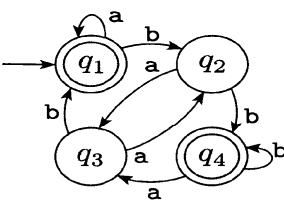
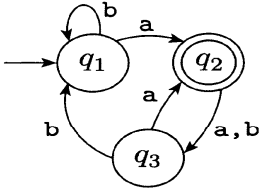
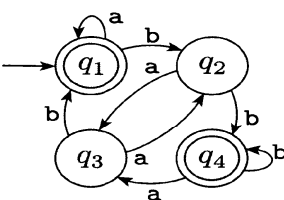


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	b) Define Ambiguous Grammar? Give an example.	5
	c) Give the formal definition of Regular Expression? Give an example	5 (15)
Q3.	Write a left-associative CFG for the Arithmetic operations (Addition - Subtraction- Multiplication - Division). Using this CFG create a parse-tree for the expression: 9 * 3 + 30 / 10	(10)
Q4.	<p>The following are the state diagrams of two Finite Automates, M₁ and M₂</p> <div>   <div> <div>M₁</div> <div>M₂</div> </div> </div> <div> <p>a) Give the complete formal description of machines M₁ and M₂ pictured above</p> <p>b) Give the Transition Functions of machines M₁ and M₂.</p> <p>c) What sequence of states M₁ and M₂ go through on input aabbb?</p> <p>d) Do M₁ and M₂ accept the string a?</p> </div>	3 3 3 1 (10)

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