CS 240 Entrance Gates

Name _____

About how many hours did you spend actively working on this assignment?

		-	<u> </u>	-	-
Q1. (3 poin	its)				
F1 =					
F2 =					
12-		<u>. </u>			
Α	В	С		F1	F2
0	0	0			
0	0	1			
0	1	0			
0	1	1			
1	0	0			
					

Q2. (6 points)

Q3. (5	points)
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Q4. (15 points)

a) (A + B)(A + B')
Law used for reduction

b) ABC + A'B + ABC'	Law used for reduction
c) A'B' + A'BC' + (A + C')'	Law used for reduction

d) A'B'C'D' + AB'C' + AB'CD' + ABD + A'B'CD' + BC'D + A'	Law used for reduction

Q5. (6 points)

a)

b)