State	Finished
Completed on	Thursday, 8 February 2024, 8:22 AM
Time taken	5 mins
Marks	8.33/9.00
Grade	9.26 out of 10.00 (92.59 %)
Question 1	
Correct	
Mark 1.00 out of 1.00	
For L ₁ = {aa, b,cc} a L ₂ respectively, Select one:	nd L_2 = {a,ca}, what will be the number of strings in L_1L_2 and $L_1\cup$
a. 6 and 2	
b. 6 and 5 	
oc. 5 and 3	
d. 2 and 3	
e. 2 and 5	

Started on Thursday, 8 February 2024, 8:17 AM

Question ${f 2}$

Correct

Mark 2.00 out of 2.00

Which of the followings can be generated through regular expression 1*10?

Select one or more:

- ☑ a. 111110 ✔
- b. 11100
- __ d. 0
- ☑ e. 110
 ✓

.33 AIVI	Quiz 1 (06/02/2024) Group 1. Atterni
Question 3	
Correct	
Mark 1.00 out of 1.00	
What is the regular expression for the followin	g regular language, {11}*{1, Λ}{0, 11 }
Select one:	
a. (11)* 1 (011)	
○ b. (11) (1 Λ)0(11)	
© c. (11)*(1 Λ)(0 11) ✓	
od. (11)* 1 (0 11)	
Question 4	
Partially correct	
Mark 1.33 out of 2.00	
Which of the following regular expressions rep	resent(s) the language of all strings
over {0, 1} that contain the substring "01"?	
Select one or more:	
a. (01)*01(01)*	
© c. (0 1)*01(0 1)* ✓	
d. (0 1)0 10 0*	

Question 5

Correct

Mark 3.00 out of 3.00

Drag and drop the missing values to represent a Finite Automata that accepts strings ending with b and not containing aa. Place either of a or b markers in the corresponding area shaded in red. (See the small example below on how to place the answers)



