Started on Tuesday, 14 September 2021, 10:05 AM

 State
 Finished

 Completed on Tuesday, 14 September 2021, 10:10 AM

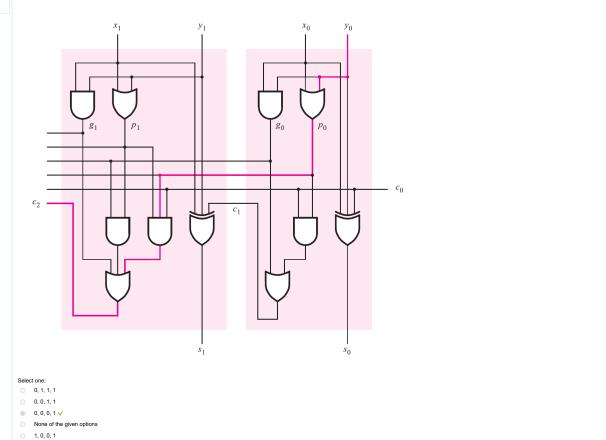
 Time taken 4 miss 22 sccs
 Marks

 Marks
 1.001.00

 Grade
 10.00 out of 10:00 (100%)

Question 1
Correct
Mark 1.00 out of 1.00

The following figure represents the first two stages of a carry-lookahead adder. The inputs to the adder are $X(x_i x_0)$ and $Y(y_i y_0)$. The notations c_i and c_j denote the carry-out from the two stages. Let us assume that an AND or an OR gate takes one unit of time to complete its operation. At time T = 0 unit, the inputs are set as X = 0.1 and Y = 0.1. In this above scenario, which of the following represents the correct set of values of c_j at (T = 5 units, T = 0 units, T



Your answer is correct.

The correct answer is: 0, 0, 0, 1