Submission Sheet - Lab 5

Name: Kyle Jarvis Section: L04

Scan this file and submit it on Canvas with the required images properly labeled in one file. Also include the required code. Every sign off requires either code or an image for points to be awarded.

1. Canonical Sum of Products logic function equation for Part 1 (Half Adder) sum bit, S: (10 Points)

   $AB + A'B'$

2. Canonical Sum of Products logic function equation for Part 1 (Half Adder) carry out bit, Co: (10 Points)

   $AB + AB' + A'B$

3. TAs initials for the completion of the functional simulation in Part 1. (20 Points)
   Initials: [illegible] Date: 21-02-2024

4. TAs initials for the completion of the physical implementation for Part 1 (20 Points)
   Initials: [illegible] Date: 21-2-2024

5. Canonical Sum of Products logic function equation for Part 2 (Full Adder) sum bit, S: (10 Points) $C = Cin$

   $ABC + AB'C' + A'BC' + A'B'C$

6. Canonical Sum of Products logic function equation for Part 2 (Full Adder) carry out bit, Co: (10 Points) $C = C_{in}$

$ABC + ABC' + AB'C + A'BC$

7. TAs initials for the completion of the functional simulation in Part 2. (20 Points)
Initials: _____ Date: 21-02-2024

8. TAs initials for the completion of the physical implementation for Part 2. (20 Points)
Initials: _____ Date: 21-02-2024

9. TAs initials for the completion of the physical implementation for Part 3. (30 Points)
Initials: _____ Date: 21-02-2024