

10 Pts

CSC 110  
Homework 7

Due: 2/17/21

Name: \_\_\_\_\_

1. Give a truth table for the expression  $E(A + C)$ .
2. Give a truth table for the expression  $AC(\overline{C + A})$ .
3. Use Boolean Algebra to simplify  $CBB + \overline{BC}$ .
4. Use Boolean Algebra to simplify  $B(DA + D\overline{A}) + DB$ .
5. Use Boolean Algebra to simplify  $(A + D)(A + \overline{D}) + \overline{A}$ .

