

Quiz #7 CpE 100 Spring 2021

Name: _____

Open book and closed notes.

Show your work for credit and place a box around your answers.

1. Simplify each of the following Boolean equations using Boolean theorems. (4 points)

a. $Z = \bar{A}\bar{B}C + A\bar{B}C$

b. $Z = ABC\bar{D} + \overline{ABCD} + (\overline{A + B + C + D})$

c. $Z = AB + \bar{A}BC$

d. $Z = ABC\bar{B}$