

ECE2031 In-Class Exam C Spring 2004

ANSWER SHEET

Name SOLUTION Section _____

Student No. _____

Closed Books, Closed Notes, No computers or calculators.

Having read the Georgia Institute of Technology Academic Honor Code, I understand and accept my responsibility as a member of the Georgia Tech Community to uphold the Honor Code at all times. In addition, I understand my options for reporting honor violations as detailed in the code.

(Signature)

(Date)

1. (15 points)

X Y

	00	01	11	10
00	0	0	1	1
01	0	0	1	0
11	1	1	0	0
10	0	0	1	0

Q₁Q₀

$$z = \overline{Y}Q_1Q_0 + XY\overline{Q_0} + XY\overline{Q_1} + X\overline{Q_1}\overline{Q_0}$$

CIRCLE YOUR SELECTED ANSWERS

- | | |
|---|--|
| 2. a <input type="radio"/> b <input checked="" type="radio"/> c (5 pts) | 7. a b <input checked="" type="radio"/> d (10 points) |
| 3. a b c <input checked="" type="radio"/> d e (5 points) | 8. a <input checked="" type="radio"/> (10 points) |
| 4. a <input checked="" type="radio"/> (10 points) | 9. a <input checked="" type="radio"/> b c (5 points) |
| 5. a b c <input checked="" type="radio"/> d e (10 points) | 10. <input checked="" type="radio"/> a b c <input checked="" type="radio"/> d e f (10 points) |
| 6. a b <input checked="" type="radio"/> c d e (10 points) | 11. <input checked="" type="radio"/> a <input checked="" type="radio"/> b c d <input checked="" type="radio"/> e (10 points) |