Instructions: (1) You may take this quiz twice, if you wish.
(2) Your ID number is LOGICFALL-07.
(3) The “deadline” for this quiz is 9:05am, Wednesday, Dec. 05, 2007.
(4) Please do not take the quiz more than twice or after the “deadline” stated above. To violate either of these restrictions will result in negative points on the quiz.

Exhibit 3A
Use an ordinary truth table to answer the following questions. Construct the truth table as per the instructions in the textbook.

Given the statement: \( \neg (H \supset A) \lor (A \supset H) \)

___ 1. The statement in Exhibit 3A is:
   a. Self-contradictory.
   b. Inconsistent.
   c. Consistent.
   d. Tautologous.
   e. Contingent.

___ 2. The truth table in Exhibit 3A has how many lines?
   a. Six.
   b. Eight.
   c. Two.
   d. Four.
   e. Nine.
Exhibit 3B
Use an ordinary truth table to answer the following question. Construct the truth table as per the instructions in the textbook.

3. Given the statement: \[(N \lor R) \supset \sim R \equiv R\]

This statement is:
   a. Consistent.
   b. Self-contradictory.
   c. Tautologous.
   d. Contingent.
   e. Logically equivalent.

Exhibit 3C
Use an ordinary truth table to answer the following questions. Construct the truth table as per the instructions in the textbook.

Given the statement: \[(M \supset \sim E) \lor (R \supset E)\]

4. The statement in Exhibit 3C is:
   a. Tautologous.
   b. Self-contradictory.
   c. Contingent.
   d. Inconsistent.
   e. Valid.

5. The truth table in Exhibit 3C has how many lines?
   a. Eight.
   b. Nine.
   c. Twelve.
   d. Six.
   e. Four.
MULTIPLE CHOICE

1. ANS: E  PTS: 1  
2. ANS: D  PTS: 1  
3. ANS: B  PTS: 1  
4. ANS: A  PTS: 1  
5. ANS: A  PTS: 1