

CS 345 - Programming Languages  
Spring 2008

QUIZ #1

February 19, 2008

DO NOT OPEN UNTIL INSTRUCTED

YOUR NAME: \_\_\_\_\_

**Collaboration policy**

**No collaboration** is permitted on this quiz. Any cheating (*e.g.*, submitting another person's work as your own, or permitting your work to be copied) will automatically result in a failing grade. The Computer Sciences department code of conduct can be found at <http://www.cs.utexas.edu/users/ear/CodeOfConduct.html>

## Quiz #1 (10 points)

Circle only one of the choices (2 points each).

1. **TRUE** **FALSE** FORTRAN was the first language to introduce lexical block scoping and recursion.
2. **TRUE** **FALSE** Any regular language can be recognized by some deterministic finite-state automaton.
3. **TRUE** **FALSE** A shift-reduce conflict can only occur if the grammar is ambiguous.
4. **TRUE** **FALSE** When a C function is called, only the *r*-values of the arguments are passed by the caller to the function.
5. **TRUE** **FALSE** Closures are necessary in dynamically scoped languages to keep track of each function's scope.