

COMP 681 Formal Methods Spring 2008 Recitation 1

1. Translate the following into propositional logic. First define the meaning of the identifiers you use for the prime constituents.

Tom, who is a teacher, is at home on weekends and when it snows.

2. Draw the parse tree for the following formula then give the truth table for it.

$$p \vee q \Rightarrow p \wedge r \vee q \wedge \neg r$$