

**Logic 1, WS 2006. Homework 3, given Nov 9, due Nov 23**

1. During the lecture we proved the completeness of a sequent calculus for formulae containing only the logical connectives  $\neg$  and  $\wedge$ .

Formulate a similar sequent calculus for formulae containing only the logical connectives  $\neg$  and  $\vee$  and indicate what must be changed in the previous proof in order to obtain a proof of completeness for the new calculus.