

Phi 270 F13 test 2

F13 test 2 topics

The following are the topics to be covered. The proportion of the test covering each will approximate the proportion of the classes so far that have been devoted to that topic although, while the majority of the test will be devoted to derivations, the proportion won't be as large as the proportion of the classes devoted to them in this section of the course. Your homework and the collection of old tests will provide specific examples of the kinds of questions I might ask.

- *Analysis*. Be able to analyze the logical form of a sentence as fully as possible using conjunction, negation, and disjunction and present the form in both symbolic and English notation.
- *Synthesis*. Be able to synthesize an English sentence that has a given logical form.
- *Derivations*. Be able to construct derivations to show that entailments hold and to show that they fail. I may tell you in advance whether an entailment holds or leave it to you to check that using derivations. There may be a derivation where attachment rules (Adj and Wk) and detachment rules (MTP and MPT) *may* be used (they are never required) and where they will shorten the proof; but there will be other derivations where you must rely on the other rules, either because detachment and attachment rules do not apply or because I tell you not to use them.

You should also be ready to give the proximate argument of a gap at any stage and to indicate all the rules that might be applied (as you did in the homework for §3.5).