4.

(i) *I* ***want to*** *go home/ I* ***wanna*** *go home.*

(ii)*Who would you want to help you?/ * Who would you wanna help you?*

wanna-contraction is not possible in 4(ii) because *who,* which has been moved from its underlying spec-IP of *to help* to the spec-CP position at the front of the clause, has left behind a trace in spec-IP. It is the presence of the trace that prevents wanna contraction, which is a process of clitization which is subject to an adjacency condition, requiring that the two words be immediately adjacent. This assumption is verified by the echo question *You'd want who to help you?*

Another argument for the fact that these operators leave behind them a trace in the position out of which they have been extracted comes from the facts about *have*-cliticization: " the perfective auxiliary form *have* has a clitic variant /v/ and can cliticize to an immediately preceding word which ends in a vowel or dipthong."(133) *Have* in sentence 5(i) cannot be cliticized , as shown by the ill-formedness of sentence 5(iii), because *which students* is the subject of *have* in the echo question counterpart, as shown in sentence 5(ii). And if we assume that the moved phrase *which students* leaves behind it a trace, we have 5(iv).

5.

(i) ***Which students*** *would you* ***say have*** *got most out of the course?*

(ii) *You would* ***say which students have*** *got most out of the course?*

(iii)* ***Which students*** *would you* ***say've*** *got most out of the course?*

(iv) ***Which students*** *would you* ***say t have*** *got most out of the course?*