

CS 482 Summer 2003
Final Review Suggestions

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Suggested Review Questions

The following are a few questions we recommend for review. They are neither sufficient nor necessary for studying for the final. We won't be posting solutions for these problems, but you are more than welcome to drop by office hours or the review session to ask about them. You can also ask us about any other question in the text (of which there are muchos *many*) and we can help you out.

Stable Matchings Ch. 1 Qn 1

Greedy Ch. 2 Qn 3

MST Ch. 2 Qn 15

Divide and Conquer read section 4.2 then try Qn 2

Dynamic Programming Ch. 5 Qn 13

MSTs with Negative Cycles Ch. 5 21

Network Flows Ch. 6 Qn 24

Network Flows (*) Ch. 6 Qn 26

NP-Complete Proof Ch. 7 Qn 14

NP-Complete Proof (*) Ch. 7 Qn 2

Special Case NP read section 9.1 then try Qn 1

Approximation Algorithms Ch. 10 Qn 8

Probabilistic Algorithms Ch. 12 Qn 2

As usual, we'll be holding a review session on either Saturday or Sunday, time and place yet to be determined.

The final exam itself is a two and a half hour dealie starting at 9:30am on Monday, August 18th. It will be held in Hollister 206, which is *not* our usual room.

And last but not least, *be on time* and GOOD LUCK!