Review Sheet for Mid-Term

(last updated: March 6, 2014)

ONE) Lecture Notes:

A) Introduction - Power Point Slides Introduction: Not included.

B) Fundamentals of Algorithms:
One - Introduction: All except: Proof of A pages 4-5, B.ii) page 5, Proof of C on
page 6.
Two – Divide and Conquer: All except: Section 2.1.2 pages 12-13,.
Three – Greedy Algorithms: All except: Sections 3.3.2 pages 37-39, 3.3.4 pages
40-42.
Four – Dynamic Programming: The whole chapter.

TWO) Hands-On Exercises:

Number	Topic	For the Exams
One	Interesting Problems	Problems 1, 2, 3, and 4.

THREE) Homework Exercises:

HW	Num	For the Exams
HW	One	Problems 1, 2, 3, 4, 6, 7, 8, 9, 10
HW	Two	Problems 1, 2, 3, 4, 5, 6, 7, 8, 9. [All problems]

FOUR) Everything we covered in class