Solid Earth 2008 Preparation for Mid-term

Study materials:
Book (Chapter 2, 5, 7, 16, 17, 18, 19, Interlude B, C)
Homework (HW1, HW2)
Lecture powerpoints (on Courseworks)
Web notes (on DEES’ Solid Earth website)

Useful review questions from text book:
Chapter 2: 5, 6, 7, 8, 10, 12, 13; on further thought: 3, 5
Chapter 5: 1, 2, 3, 4, 8, 10, 12, 13, 14, 15
Chapter 7: 2, 4, 5, 7, 8, 9, 10, 11, 13, 17, 18, 19, (20), all on further thought questions
Chapter 16: 6, 8
Chapter 17: 1, 3, 4, 5, 7, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21
Chapter 18: 1, 2, 4
Chapter 19: 1, 2, 3, 5, 6, 7, 9, 19, 11
Chapter 23: 1, 10, 11, 12

More specifics about Chapter readings:
Chapter 2- entire chapter, but don’t sweat the part about outerspace, the atmosphere and the magnetic field
Chapter 5 and Interludes B and C- all (don’t have to know gemstones from end of Chap 5; be sure to read interludes and refer to chapters 6 and 8 for supporting information for igneous and metamorphic rocks).
Chapter 7- don’t need to know details of soils
Chapter 16- this should mostly be treated as background material (sort of like Chapters 6 and 8)- we did not cover mass wasting in detail- the important thing for our purposes is that mass wasting is important in denuding continents.
Chapter 17- entire chapter, but don’t sweat the physics of erosion and terminology of velocity variations within a channel.
Chapter 18- the should mostly be treated as background material- it should help with your intuition about sedimentary environments, and should provide some review of the hypsometry topics.
Chapter 19- don’t sweat the karst details.