Book: Introduction to Probability Models (11th Edition)

Chapter 1:

Book chapters: All

Example: 1.5, 1.8, 1.12-1.15

Exercise: 8, 13, 14, 18, 21, 22, 28, 30, 42, 43, 46, 48

Chapter 2:

Book chapters: 2.1 – 2.5.3, 2.6 (before 2.6.1)

Example : 2.6-2.9, 2.10-2.12, 2.23, 2.24, 2.28, 2.29-2.32, 2.46,

Exercise: 6, 7, 8, 14, 16, 20, 23, 27, 30, 32, 33-35, 38, 40, 47, 65, 67, 72,

Chapter 3:

Book chapters: 3.1-3.4, 3.6.1

Example: 3.1, 3.2, 3.4, 3.5, 3.7, 3.9, 3.10, 3.11, 3.12, 3.18, 3.19, 3.26, 3.27

Exercise: 2,3, 9, 11, 12, 14, 15, 23, 27, 37, 40, 44, 49, 51, 56,

Chapter 4:

Book chapters: 4.1-4.3, 4.4 (Do not need to study the propositions), 4.5.1

Example: 4.1-4.4, 4.8-4.10, 4.14-4.17, 4.21-4.23, 4.28

Exercise: 3, 5, 9, 14, 18, 28, 29, 31, 32, 33, 55, 60

Chapter 5:

Book chapters: 5.1-5.2.3, 5.3-5.3.3

Example: 5.2-5.4, 5.8, 5.13

Exercise: 1, 2, 4, 5, 8, 9, 14, 25, 53, 57, 60

Chapter 8:

Book chapters: Models covered in class

Example: 8.2, 8.3, 8.8

Exercise: 12, 20

Important points:

- Many examples have been covered in class as theory. I have discarded them in the suggestion to make list short. However, they are certainly important for the term final.
- Do not skip definitions or related points
- You should study all chapters for a full-answer attempt