Book Chapters/Sections Covering Material on Final Exam:

All chapters are based on the Fifth Edition of the textbook – if you have an older version, you may need to search in nearby chapters to find the material

These chapters also likely cover extra material – you won't be tested on it unless we covered it in class or it is a natural extension of what we covered in class. For example, Section 22.2 discusses several alternative methods (alternatives to locking) for concurrency control (timestamps…). You only need to be concerned with locking.

Views
4.4 Views
7.4 Views

Stored Programs
8.1 SQL Programming Language Features
8.2 Subprograms, Stored Procedures, Functions, and Packages
8.3 Triggers

Transactions
7.5 Transactions
22.1 Transaction Suport
22.2 Concurrency Control
22.3 Database Recovery

Distributed Databases
3.3 Introduction to Distributed Databases
24.1 Introduction
24.3 Functions and Architectures of a DDBMS
24.4 Distributed Relational Database Design
24.5 Transparency in a DDBMS
25.1 Distributed Transaction Management
25.2 Distributed Concurrency Control
25.4 Distributed Database Recovery

Query Optimization
23.1 Overview of Query Processing
23.2 Query Decomposition