**Exam1Review**

Lesson 1 Introduction:

Slides: 7,9,11

Lesson 1 Spring:

3-7,27

Lesson 2a ORM

Slides: 9-11, 13-15, 24, 25, 27

Lesson 2b Basic Mapping

Slides: 2-4, 7-12, 14-24,

Lesson 3 Associations

Slides: 2, 5-8, 15-18, 21-26

Lesson 4a Concurrency

Slides: ZERO

Lesson 4b JPQL Fetching

Slides: 3-5, 16-18

Lesson 5 Performance

Slides: 2, 12

**EXAM 1 QUESTIONS**

1 [20] T/F - 5 items on a “theme”

2 [20] Implement/annotate domain objects given UML diagram & ERD diagram

3 [20] Describe in detail with concrete examples

4 [15] Implement with explanation a JPQL Query based on N-Tier architecture & design patterns

5 [20] Describe in detail with concrete examples

**Main** **Technology Areas**: Table & Association Mapping, JPQL Query, ORM, DAO, Core Spring