**Exam1Review**

Lesson 1 Introduction:

Slides: 7-9 \*

Lesson 1 Spring:

Slides: 4-10, 25, 28-30

Lesson 2 ORM

Slides: -----

Lesson 2 Basic Mapping

Slides: 2-12, 19-23

Lesson 3 Associations

Slides: 2, 5-8, 14-17, 20-26

Lesson 4 JPQL Fetching

Slides: 2-6, 16-18

Lesson 4 Concurrency

Slides: 3-9, 13-17

Lesson 5 Performance

Slides: 2-12

**EXAM 1 QUESTIONS**

1 [15] T/F - 5 items on a “theme”

2 [15] Implement a Query; Explain a Fetch strategy

3 [15] Describe in detail with concrete details

4 [20] Implement/annotate domain objects given UML diagram & ERD diagram

5 [15] Describe in detail with concrete examples

6 [15] Implement with explanation a JPQL Query based on N-Tier architecture & design patterns

**Main** **Technology Areas**: IoC/DI, Fetch Strategy, Persistence Context, Table & Association Mapping,

Concurrency/Locking, JPQL Query,.