Given ERD with entities and data

Open book/Internet – most questions are from Coronel

Data will be digital

First group of questions will ask you to create tables

* Have to put all tables into one file
* Look for emails from Zhuang; script begins with BEGIN
* Use simple data types (char, varchar2 – char is fixed length, varchar2 is variable length, number, number(x,x) – for decimals, date)

Insert, update, delete

Select

* Join, union
* Self-join

All of the functions

* TO\_CHAR, TO\_NUMBER, TO\_DATE, CAST, UPPER, LOWER, SUBSTRING, IN STRING, REPLACE, RANK, RANK OR, IN, DISTINCT
* Commit, Rollback
  + Do not need to commit for creating tables
  + Do need to commit for insert, update, and delete
* BETWEEN operator is inclusive

Concatenation ||

To limit range – ROWNUM

Default table is the imaginary table

HAVING/ON – know the difference

Avoid using “USING”

Aggregate functions – returning one value instead of rows

* AVG, SUM, MIN, MAX, COUNT – uses GROUP BY

ROLLUP, CUBE

Subqueries

* Correlated subquery – on a loop

Stored procedure

Trigger

Updateable view

To change the primary key, drop the current primary key first

Chapter 10 and 11 for Wednesday’s test