*Victor Martinez Castro* ITI-2180 Foundations of Data and Database Management

**Problem A**

CREATE TABLE CATEGORY (

CatCode VARCHAR2(2),

CatDesc VARCHAR2(10)

);

Table CATEGORY created.

**Problem B**

ALTER TABLE employees ADD (

empdate DATE DEFAULT sysdate NOT NULL,

enddate DATE

);

Table EMPLOYEES altered

**Problem C**

ALTER TABLE employees MODIFY (

job VARCHAR2(12)

);

Table EMPLOYEES altered.

**Problem D**

ALTER TABLE employees DROP COLUMN enddate;

Table EMPLOYEES altered.

**Problem E**

CREATE TABLE book\_pricing

AS

(

SELECT

isbn AS "ID",

cost,

retail,

category

FROM

books

);

CREATE TABLE book\_pricing

AS

(

SELECT

isbn AS "ID",

cost,

retail,

category

FROM

books

);

**Problem F**

ALTER TABLE book\_pricing SET UNUSED ( category );

describe BOOK\_PRICING

Table BOOK\_PRICING altered.

Name Null? Type

------ ----- ------------

ID VARCHAR2(10)

COST NUMBER(5,2)

RETAIL NUMBER(5,2)

**Problem G**

TRUNCATE TABLE book\_pricing;

describe BOOK\_PRICING

Table BOOK\_PRICING truncated.

Name Null? Type

------ ----- ------------

ID VARCHAR2(10)

COST NUMBER(5,2)

RETAIL NUMBER(5,2)

**Problem H**

DROP TABLE book\_pricing PURGE;

Table BOOK\_PRICING dropped.

**Problem I**

Name Null? Type

----- ----- -----------

STATE VARCHAR2(2)

RATE NUMBER(5,3)

**Problem J**

SELECT

state,

rate

FROM

tax;

ST RATE

-- ----------

AL 4

AK 0

AZ 5.6

AR 6.5

CA 7.5

CO 2.9

CT 6.35

DE 0

DC 5.75

FL 6

GA 4

ST RATE

-- ----------

HI 4

ID 6

IL 6.25

IN 7

IA 6

KA 6.15

KY 6

LA 4

ME 5.5

MD 6

MA 6.25

ST RATE

-- ----------

MI 6

MN 6.875

MS 7

MO 4.225

MT 0

NE 5.5

NV 6.85

NH 0

NJ 7

NM 5.125

NY 4

ST RATE

-- ----------

NC 4.75

ND 5

OH 5.75

OK 4.5

OR 0

PA 6

RI 7

SC 6

SD 4

TN 7

TX 6.25

ST RATE

-- ----------

UT 5.95

VT 6

VA 5.3

WA 6.5

WV 6

WI 5

WY 4

51 rows selected