Practice 7 | Name : …………………………………..………… ID: …………………………… Sec : ……..

Managing Schema Objects

1. Create the DEPT2 table based on the following table instance chart. Enter the syntax in the SQL Worksheet. Then, execute the statement to create the table. Confirm that the table is created.

Column Name	ID	NAME
Key Type		
Nulls/Unique		
FK Table		
FK Column		
Data type	NUMBER	VARCHAR2
Length	7	25

Statement to create the table:

1	
2	
3	
4	

Statement to confirm that the table is created:

1	

2. Populate the DEPT2 table with data from the DEPARTMENTS. Include only the columns that you need.

1	
2	
3	
4	

3. Create the EMP2 table based on the following table instance chart. Enter the syntax in the SQL Worksheet. Then execute the statement to create the table. Confirm that the table is created.

Column Name	ID	LAST_NAME	FIRST_NAME	DEPT_ID
Key Type				
Nulls/Unique				
FK Table				
FK Column				
Data type	NUMBER	VARCHAR2	VARCHAR2	NUMBER
Length	7	25	25	7

Statement to create the table:

1	
2	
3	
4	
5	

Statement to confirm that the table is created:

1	

4. Modify the EMP2 table to allow for longer employee last names. Confirm your modification.

1	
2	
3	

5. Add a table-level PRIMARY KEY constraint to the EMP2 table on the ID column. The constraint should be named at creation. Name the constraint my_emp_id_pk.

1	
2	
3	

6. Create a PRIMARY KEY constraint to the DEPT2 table using the ID column. The constraint should be named at creation. Name the constraint my_dept_id_pk.

1	
2	
3	

7. Add a foreign key reference on the EMP2 table that ensures that the employee is not assigned to a nonexistent department. Name the constraint my_emp_dept_id_fk.

1	
2	
3	

8. Modify the EMP2 table. Add a COMMISSION column of the NUMBER data type, precision 2, scale 2. Add a constraint to the COMMISSION column that ensures that a commission value is greater than zero.

1	
2	
3	