Extra pracice questions for the test or exam

Here is a sample table called PROD (meaning products) with

Pid, PK

Name NN

Subcatid FK to sub category of products

BrandID FK to brands

QOH Quantity on hand

How Sold EAC, KG

Cost must be positive value if anything entered

Sell region 1 same

Sell region 1 same

Taxable Y/N Y or N

Weight numeric

Size 500ml, 334 ml examples, extra large etc

Pack How packaged (box of 24 or 12 or some other value, but sold as each)

Minimum Order This is the minimum order from a supplier. Ex: 10 cases

Reorder level When QOH gets to this level then reorder before running out of stock

Seasonal Y/N is the product seasonal (winter tires)

The idea here is that tables can have lots of columns with lots of conditions that need constraints.

Sales rep

customer

Assume other tables such as category of product and brand

Category

BRAND

orders

SubCategory

suppliers

Product

SuppProd

orderlines

1 Looking at the previous diagram yo will need to were write a script to create tables with constraints and insert data. The same idea as the script you loaded at the start of the semester which had over 3000 sql statemnts.

The tables will be (1) Product, (2) Category, (3) SubCategory and (4) Brand

Provide a list of what ordfer will the tables be loaded … example 2, 1, 4, 3

2 What is the relationship between Suppliers and product.

3 Give an example to support your answer in 2

4 Do salesreps make commission based on sales, similar to a retails store in a mall or do they make ommission on all purchases by the customer.

5

SELECT \*

FROM Products

WHERE pid > 1000 and < 5000

Is this correct for getting product ids from 1001 to 4999.

6 select hire\_date from employees where hire\_date between 23-Aug-99 and 24-Sep-99

7 select minimum salary of employees by department id and employees last name. How many rows roughly will this produce

8 We added distinct to the select would this change the number of rows.

9 If a view involves functions in the select, do those columns need to have an alias name.

10 Does union and union all produce the same results

11 Does Oracle automatically create an INDEX on a PK

12 ROLLBACK does what

13 If you want to only roll back the last item the customer ordered on an order with 5 items, what would be the command to allow that.

14 if you dleted the employee table can you roll it back.

15 DROP constraint prod\_brand\_id\_fk. Does this work. If not what does.

16 If you wanted a constraint on HOW SOLD, what type would it be and give an example of how to do it after the table has been built.

17 If you were moving students from location SY (Seneca@York) to NH (Newnham), describe the process

18 If you wanted to shorten the last\_name column which was defined as VARCHAR2 (50), (a) how small can you make it

(b) what would be the SQL

19 If you wanted to make the field 60 instead, what would be the SQL

20 If you wanted to drop the filed salary what is the SQL

21 If you wanted to add a column to employees called BENEFITS that would require Y or N, what is the SQL

22 At the time an INSERT is done, can a FK be NULL