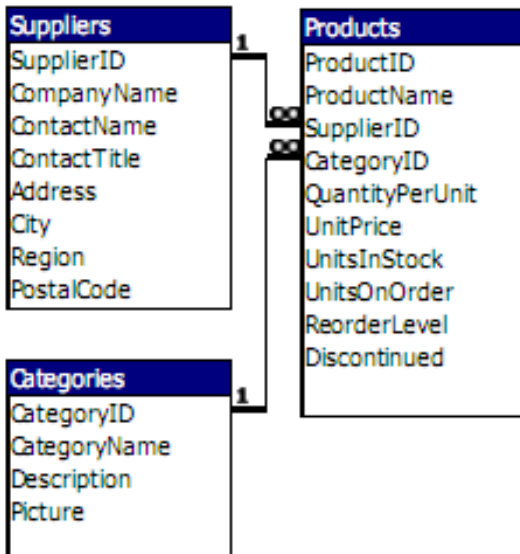


CS 341 Database Systems - Quiz 02 – DB2

| | | | |
|------|--|-------------|-----|
| Name | | ERP | |
| Date | | Total Marks | /20 |

Consider the relational schema provide and attempt the following questions.



1. Write an **SQL** query to output the average price of products for each category name with average exceeding Rs.100. [3]
2. Write an **SQL** query to find all suppliers which do not have any products. Output the company names of the suppliers along with their city. [3]
3. Write **relational algebraic** query to output all product names that have unit price greater than 12 and are not from the "Dairy" category. [3]
4. Write **relational algebraic** query to output information of products to be reordered and their corresponding supplier information. A product must be reordered if the stock has reached the reorder level. Output product name, unit price and supplier contact name. [3]

1.

2.

3.

4.

5. Write DDL commands for the following schema with constraints as necessary. You should keep in mind the order of execution of these statements. You are provided with the data types.[8]

Course (CourseID: integer, Name: varchar2(50), Fee: number)

Enrollment (CourseID:integer, StudentID:integer, Grade:char(1), DateOfEnrollment:date)

Student (StudentID: integer, Name: varchar2(30))

- Date of Enrollment is set as the current date by default.
- Grade must be either A, B, C, D or F only.
- The course fee must always be entered.