***Database Key & Database Queries*** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the correct term below to complete the definitions**

**Foreign key Primary Key Candidate Key Secondary Key**

**Composite key**

1. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a column, or set of columns, in a table that can uniquely identify any database record without referring to any other data.
2. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a candidate key that was selected to uniquely identify a record
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ were candidate keys that were not selected to be the primary key.
4. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a column, or set of columns, in a table that are used to uniquely identify any database record without referring to any other data.
5. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a field (or collection of fields) in one table that uniquely identifies a row of another table.

**Table 1 illustrating candidate key.**

Table 2illustration composite key

1. How many candidate keys were in the table?
2. Which candidate key became the primary key?
3. How many secondary or alternate keys are in the table?
4. 

**Use the following relationship report of Chen’s Database to answer the following questions**



1. Create a query to show the Customer ID, Name, Contact and Country of all customers.



1. Create a query to show the **Customer ID, OrderID, ProductID** of all ORDERS completed on May 16, 2018. (*Use data from three tables)*



1. Create a query to show the **Product ID**, **Unit Price** of all items below $600.00 that was shipped between January 1, 2018 and May 15, 2018.



1. Create a query to calculate the cost paid by each customer before discount on each order. Name the field **Cost. Show the OrderID, CustomerID, ProductID and date of order.**



1. Create a query to count the number of Shampoo in the stock

