**COMPUTER SCIENCE II WEEKLY QUIZ 05/26/2017**

EACH QUESTION BELOW IS WORTH 10 POINTS. PLEASE ANSWER CLEARLY IN THE SPACE PROVIDED.

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1. What is the purpose of the “Inserting Totals” feature?

The purpose of inserting totals is it allows you to sum up the totals by adding a totals row to a datasheet.

1. What options are available for this feature?

The options are sum, average, max, min, count, standard deviation or variance.

1. A situation where multiple records match back to the primary table is an example of a table relationship.
2. During data validation look up lists restrict users to a subset of values, while constants represent static values that won’t change. If you use operators you can build your own function while using one of many pre-defined functions allows Access to perform validation on its own.
3. What is a table relationship?

A table relationship is joining two or more tables together. As a result, multiple tables can be used to create reports as if the data is coming from a single table.

1. A situation where a single record matches back to the primary table is an example of a one to one relationship.
2. Describe the difference between primary tables and secondary tables.

The Primary table can be described as the source table. This is where the data will come from. It contains the one unique record that would be used to join with the rest of the tables. The secondary tables will have one or several records matching back to the unique value specified in the primary table.

1. What is an orphan record?

An orphan record is a record in the related table without a matching key in the primary table.

1. Selecting “Referential Integrity”:
2. Links primary tables and related tables
3. Prevents orphan records
4. Is required to create data validation rules
5. All of the above
6. None
7. Describe the difference between primary keys and foreign keys.

Primary keys are for the most unique field so it can identify one certain record if it has to. Examples can be bank account number, social security number, school ID, etc… Foreign keys are just useful only to initially establish the relationship between the tables. That is all it does.