**Review Test Submission: Review Questions Chapter 3**

**Content**

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| **User** | Zachary Murphy |
| **Course** | 16FA\_CPT\_271\_WA PHP AND SQL |
| **Test** | Review Questions Chapter 3 |
| **Started** | 8/30/16 5:41 PM |
| **Submitted** | 8/30/16 5:59 PM |
| **Due Date** | 8/31/16 11:59 PM |
| **Status** | Needs Grading |
| **Attempt Score** | Grade not available. |
| **Time Elapsed** | 17 minutes |
| **Results Displayed** | All Answers, Submitted Answers, Correct Answers |

* **Question 1**

Needs Grading

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | | |
|  | Define SQL |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Stands for Structured Query Language, is used to communicate with different kinds of databases and is the standard to use with relational database management systems. | | Correct Answer: | Correct  Structure Query Language is a standard language for working with database. | |  |  |  |

* **Question 2**

Needs Grading

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|  | Explain a one-to many relationship. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Is where every row in a related table can be related to many rows in the relating table. This lets informaiton to be saved once and be used in many other tables. | | Correct Answer: | Correct  Two tables that are joined by a common field; the first table contains a field known as a primary key which joined (related) to the second table by this common field known as a foreign key. | |  |  |  |

* **Question 3**

Needs Grading

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|  | What is a null value |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Indicates that the value of a column is unknown. | | Correct Answer: | Correct  A field (column) that does not require data to be entered or the data is unavailable. | |  |  |  |

* **Question 4**

Needs Grading

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|  | List three common MySQL data types and provide their definition. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | * 1. CHAR: fixed length string of characters with the ASCII character set.   2. INT: integer of various sizes.   3. DECIMAL: decimal values that can have integer and decimal parts. | | Correct Answer: | Correct  Char  - a fixed-length string of character in the ASCII character set  Varchar – a variable-length string of characters in the ASCII character set  Int – inter values of various sizes | |  |  |  |

* **Question 5**

Needs Grading

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|  | Define the following statements, identify if they are an action query.  SELECT  INSERT  UPDATE  DELETE |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | * 1. SELECT = returns a result set of the specified rows and columns.   2. INSERT = inserts new records in a table.   3. UPDATE = updates or modifies existing records in a table.   4. DELETE = removes existing records in a table. | | Correct Answer: | Correct  SELECT – used to retrieve data from one or more tables in a database  INSERT – used to insert a row to the database  UPDATE – used to update rows  DELETE – used to remove rows | |  |  |  |

* **Question 6**

Needs Grading

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|  | Define DML |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Stands for data manipulation language which lets you SELECT, UPDATE, and INSERT statements. | | Correct Answer: | Correct  DML is Data Manipulation Language which works with the data in a database and is used by programmers  in their applications. | |  |  |  |

* **Question 7**

Needs Grading

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|  | Describe the use of the (\*) asterisk in a SELECT statement |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | All columns in a table. | | Correct Answer: | Correct  Used to indicate that all of the columns in the table should be retrieved; this is known as a wildcard. | |  |  |  |

* **Question 8**

Needs Grading

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|  | List the two ways you can work with MySQL. |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | * 1. Command line client   2. Web based client | | Correct Answer: | Correct  Command-line  Web-based | |  |  |  |

* **Question 9**

Needs Grading

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|  | List the steps to start phpMyAdmin and how to change password |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | Click the home button , then select change password. You will enter your new password twice to confirm then hit go. | | Correct Answer: | Correct  From the XAMPP Control Panel, start the Apache and MySQL servers if they aren’t already running.  1. Click the Admin button for the MySQL module to start the phpMyAdmin tool in your default web browser.       Or enter http://localhost/phpmyadmin  2. Click the Home button (the house icon). Then, click the Change Password link.  3. On the Change Password page, enter and re-enter your new password, and click the Go button. | |  |  |  |

* **Question 10**

Needs Grading

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|  | Define the following joins:  Inner join  Outer join  Left outer join |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | * 1. Inner join: rows are only included when the key of a row in the first table is equal to the key of the first row in the second table.   2. Outer join: returns rows from one table in the join whether or not the other table doesn't contain a matching row.   3. Left outer join: table for all of the rows in the first table are included in the table, but only the data for matching rows in the second table are included. | | Correct Answer: | Correct  Inner join – returns only the records found in the first table that is equal to the key of the row in second table.  Outer join – returns rows form one table in the join even if the other table doesn’t contain a matching row.  Left outer join – returns the data for all the rows in the first table (left) are included in the table, but only the data for matching rows in the second tables are included. | |  |  |  |

* **Question 11**

Needs Grading

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|  | List the steps to import and run a SQL script |  |  |  |
| |  |  | | --- | --- | | Selected Answer: | On the homepage of your local host site click import and then browse for the file and then hit go. To run an SQL script select the database and then select the SQL tab and then type in the statement and hit go. | | Correct Answer: | Correct  1. On Import tab  2. Browse>choose file > import  Click GO | |  |  |  |

Tuesday, August 30, 2016 5:59:41 PM EDT