Final Quiz (Time Quiz) Practice Quiz • 1h 15m • 15 total points		
	Congratulations! You passed!     Grade received 100% To pass 80% or higher	o to next item
	<ul> <li>Which data type is most appropriate for true/false data?</li> <li>CHAR</li> <li>INT</li> <li>BOOLEAN</li> <li>FLOAT</li> </ul>	1/1 point
	Correct Correct! Boolean values are either true or false, represented by a 1 or a 0, respectively.	
	<ul> <li>Which of the following is an open source database?</li> <li>Db2</li> <li>BigQuery</li> <li>PostgreSQL</li> <li>Oracle</li> </ul>	1/1 point
	Correct Correct! PostgreSQL is open source.	
	<ul> <li>What are the three tiers of a three-tier architecture database management system (DBMS)?</li> <li>Database storage, API, and user interface</li> <li>Database storage, application server, and user interface</li> <li>Database server, user interface, and network</li> <li>Database server, middleware, and application server</li> </ul>	1/1 point
	Correct Correct! Data is housed in the database storage tier, data is processed in an application tier, and the user interacts with the system through the user interface tier.	
	<ul> <li>Which statement is true with regards to PostgreSQL?</li> <li>It is proprietary software.</li> <li>It supports inheritance and overloading.</li> <li>It is object oriented.</li> <li>It is a NoSQL database management system (DBMS).</li> </ul>	1/1 point
	Correct Correct! Like object-oriented programming languages, it supports inheritance and overloading.	
	<ul> <li>Which statement is true about an entity-attribute model regarding a movie?</li> <li>The movie is a primary key.</li> <li>The movie is an entity.</li> <li>The movie is a column.</li> <li>The movie is an attribute.</li> </ul>	1/1 point
	Correct Correct! An entity is the subject of focus.	
	One of the following sources is NOT supported by the Db2 Web Console for loading data?  One of the following sources is NOT supported by the Db2 Web Console for loading data?  One of the following sources is NOT supported by the Db2 Web Console for loading data?  One of the following sources is NOT supported by the Db2 Web Console for loading data?  One of the following sources is NOT supported by the Db2 Web Console for loading data?  One of the following sources is NOT supported by the Db2 Web Console for loading data?	1/1 point
	Correct The Load Data utility does not load data stored in Python code.  7. What is the function of a foreign key?	1/1 point
	It is a unique value in a table.  It defines the relationship between tables.  It is a unique value that identifies a table.  It is used to access a row of data in a table.	
	Correct Correct! A foreign key is a column in a table that contains the same information as the primary key in another table.  8. Which of the following situations is best suited for indexing?	1/1 point
	<ul> <li>When a table is regularly accessed using a SELECT statement but rows insert/update/delete scenarios are rare.</li> <li>When data in the database is unstructured</li> <li>With a table that often has rows inserted or updated</li> <li>When data needs to be deleted</li> </ul> Expand	
	<ul> <li>Correct         Correct! A table that rarely has rows inserted or updated but is regularly accessed in SELECT queries is appropriate for indexing.     </li> <li>Which of the following constraints limits the values accepted by an attribute?</li> </ul>	1/1 point
	<ul> <li>Domain constraint</li> <li>Null constraints</li> <li>Unique constraint</li> <li>Check constraint</li> </ul>	
	Correct This constraint enforces domain integrity by limiting values that are accepted by attributes.  10. Which statement is true regarding database instances?	1 / 1 point
	<ul> <li>They store a list of database users and their access permissions.</li> <li>They can share configuration files with other instances.</li> <li>They are logical groupings of objects within a database.</li> <li>It is possible to have more than one database within a single instance.</li> </ul>	
	Correct Correct! Many RDBMSs permit more than one database within a single instance.  11. Which MySQL tool can you use to visually design a MySQL database?	1 / 1 point
	<ul> <li>phpMyAdmin</li> <li>mysqladmin</li> <li>MySQL Workbench</li> <li>mysql</li> </ul> Expand	
	Correct MySQL Workbench is a visual database design tool that integrates SQL development, administration, and database design, creation, and maintenance.  12. When creating a MySQL database using phpMyAdmin, at which point in the process do you define the length of the data in a column?	1/1 point
	<ul> <li>When you name the new database.</li> <li>When you add tables to the database.</li> <li>When you define the columns in the table.</li> <li>When you are shown a summary of the structure of the new table.</li> </ul>	
	Correct When you define the columns in a table, you can specify the name, data type, and length (if relevant) for each column.  13. What does the "-u root" option in this command do? mysqldump -u root employees > employeebackup.sql	1 / 1 point
	<ul> <li>Specifies the username "root" when connecting to the server</li> <li>Lists users who have access to the root directory</li> <li>Uses the root directory to find the database file that is to be backed up</li> <li>Uses the root directory to back up the database on the server</li> </ul>	
	Correct Correct! The -u option allows you to specify a username, in this case, "root."  14. On which operating systems can you install PostgreSQL?	1/1 point
	<ul> <li>UNIX, UNIX like, or UNIX-based systems</li> <li>macOS only</li> <li>You cannot install PostgreSQL locally; it must be cloud-based</li> <li>macOS, Microsoft Windows, UNIX</li> </ul> Expand	
	Correct You can download and install PostgreSQL on your own servers, on a range of operating systems such as macOS, Windows, UNIX and UNIX-based or UNIX like systems.  15. How do you create views?	1 / 1 point
	<ul> <li>From SQL code</li> <li>Using the PostgreSQL GUI tool</li> <li>Using the mySQL admin tool</li> <li>From an entity relationship diagram</li> </ul>	
	Correct Correct! You create views within a schema by entering the SQL code that defines the view.	