Practice Quiz, 15 questions

✓	Congratulations! You passed!	Next Item
~	1/1 point	
1. What is	is the primary value add of relational databases over flat files?	
0	Ability to scan large amounts of data quickly	
Corr	rect	
	Ability to store data in a format that can be sent across a network	
	Ability to quickly convert data to HTML	
	Ability to execute PHP code within the file	
	Ability to execute JavaScript in the file	
~	1 / 1 point	
2. Which	of the following is NOT a good rule to follow when developing a database mod	lel?
	Use integers as primary keys	
	Never repeat string data in more than one table in a data model	
	Each "object" in the application should be modeled as one or more tables	
0	Use a persons email address as their primary key	
Corr	rect	

Remote key

Foreign key

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~	1 / 1 point	
3. If our user interface (i.e. like iTunes) has repeated strings on one column of the UI, how should we model this properly in a database:		
	Encode the entire row as JSON and store it in a TEXT column in the database	
	We put the string in the first row it occurs and then put that row number in the column all of the rest of the rows where the string occurs	
0	We make a table that maps the strings in the column to numbers and then use those numbers in the column	
Correct		
	We put the string in the last row where it occurs and put the number of that row in the column all of the rest of the rows where the string occurs We put the string in the first row where it occurs and then NULL in all of the other rows	
	we put the string in the instrow where it occurs and them woll in an of the other rows	
~	1/1 point	
4. Which	of the following is the label we give a column that the "outside world" uses to look up a particular row?	
	Primary key	
	Local key	
0	Logical key	
Correct		



tice Quiz,	15 questions		
5. What is	the label we give to a column that is an integer and used to point to a row in a different table?		
	Remote key		
	Logical key		
	Primary key		
	Local key		
0	Foreign key		
Corre	Correct		
~	1 / 1 point		
6. What MySQL keyword is added to primary keys in a CREATE TABLE statement to indicate that the database is to provide a value for the column when records are inserted.			
	ASSERT_UNIQUE		
0	AUTO_INCREMENT		
Correct			
	PRIMARY		
	INSERT_AUTO_PROVIDE		



1/1 point

7.

What is the SQL keyword that reconnects rows with foreign keys with the corresponding data in the table that the foreign key points to?





tice Quiz,	15/15 points (10 1E的代码中区	
0	JOIN	
Corr	ect	
	COUNT	
	CONNECT	
~	1/1 point	
8. What h	nappens when you JOIN two tables together without an ON clause?	
	The rows of the left table are connected to the rows in the right table when their primary key matches	
0	The number of rows you get is the number of rows in the first table times the number of rows in the second table	
Corr	ect	
	You get no rows at all	
	You get all of the rows of the left table in the JOIN and NULLs in all of the columns of the right table	
	Leaving out the ON clause when joining two tables is an SQL syntax error	
~	1 / 1 point	
9. What o	does an "ON DELETE CASCADE" clause imply in a foreign key constraint in a MySQL CREATE TABLE nent?	
	Whenever a row is deleted from the table, the other rows are scanned to insure that the logical key is unique and any duplicates are removed	

When a row in the parent table is deleted all the rows in a child table that point to that row via a Database Migraels re deleted

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Correct

	Whenever a row is deleted, it is moved into a table named "CASCADE"
	When rows in a child table are deleted, the primary key of the corresponding row in the parent table is set to NULL
~	1/1 point
10. Which	of the following types of tables often are created without a primary key?
0	Many-to-many
Corr	ect
	One-to-one
	Hash Map
	One-to-many
	B-Trees
~	1/1 point
11. When :	might one prefer the CHAR column type over VARCHAR?
	When the data needs to be searched using a LIKE clause
0	When the data is relatively short and almost always present
Corr	ect

When the data is prose like a discussion comment versus a logical key

~	1/1 point
12. What is	s the built-in MySQL function that gives you the current time in an SQL statement?
	CURR_DATE()
0	NOW()
Corre	ect
	DATE(false)
	TODAY()
	1/1 point of the following indexes would be best for fast look up for exact key matches but not so good for prefix or sorting?
О	EXACT
	BTREE
	INDEX2
0	HASH
Correct	



1/1 point

Why is it a good idea to add "CONSTRAINT FOREIGN KEY" statements when creating database tables? (Check all Database Models 15/15 points (100%) Practice Quiz, 15 questions So that prefix-based lookups perform well **Un-selected** is correct So that database modeling tools know the relationships between tables Correct So that you can specify default behaviors when records are deleted or updated Correct So that MySql knows which columns are foreign keys and which columns are just integers Correct 1/1 point 15. When you add an index to a field in a database table, how are performance and storage affected? Read performance is faster, insert performance is the same and no extra storage is required Read performance is the same, insert performance is faster and no extra storage is required Read performance is the faster, insert performance is faster and extra storage is required Read performance is faster, insert performance is slower and extra storage is required Correct

