Assignment 3

The due date for submitting this assignment has passed. **Due on 2018-03-03, 05:00 IST.**
As per our records you have not submitted this assignment.

(multiple correct answers are possible, no negative marking, no partial marking for questions)

1) Which of the following does not improve database write times? **1 point**
   - Normalising data to reduce amount of data to be written
   - Using transactions for every database operation
   - Removing unnecessary constraints
   - Using a hard disk with faster write speeds

   **No, the answer is incorrect.**
   **Score: 0**
   **Accepted Answers:**
   Using transactions for every database operation

2) Which of the following will NOT help when a database begins to become too large to keep on one system **1 point**
   - Setting up a slave database
   - Setting up daily database dump
   - Archiving data
   - Sharding database

   **No, the answer is incorrect.**
   **Score: 0**
   **Accepted Answers:**
   Setting up a slave database
   Setting up daily database dump

3) In a typical master/slave database system **1 point**
   - Writes can be made on the master
   - Writes can be made on the slave
   - Reads can be made on the slave
   - Reads can be made on the master

   **No, the answer is incorrect.**
   **Score: 0**
   **Accepted Answers:**
   Writes can be made on the master
   Reads can be made on the slave

4) A SQL database view **1 point**

   - Quiz : Assignment 3
   - Week 3 Feedback

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https://onlinecourses-archive.nptel.ac.in/noc18_cs03/unit/unit=25&assessment=75
Contains data not stored in the database tables
- Is not computed using a SQL query
- Is computed using a SQL query
- Is a way to improve the read time of a table in a database

No, the answer is incorrect.
Score: 0
Accepted Answers:
* Is computed using a SQL query

5) Which SQL statement isn't used to update a database table schema?
- UPDATE TABLE
- ALTER TABLE
- CHANGE TABLE
- MODIFY TABLE

No, the answer is incorrect.
Score: 0
Accepted Answers:
* UPDATE TABLE
* CHANGE TABLE
* MODIFY TABLE

6) Database normalisation does not typically
- Reduce data constraints
- Reduce chances of data anomalies
- Reduce database size
- Reduce number of tables

No, the answer is incorrect.
Score: 0
Accepted Answers:
* Reduce data constraints
* Reduce number of tables

7) Which of the following are not SQL aggregate functions?
- SELECT
- AVG
- JOIN
- MIN

No, the answer is incorrect.
Score: 0
Accepted Answers:
* SELECT
* JOIN

8) A database index
- Doesn't increase database size
- Decreases database size
- Doesn't affect database size
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
* None of the above

9) Which of the following code will create an index named stu_sub on the columns roll_no and subject of the stu_subjects table?
create index stu_sub from stu_subjects(roll_no, subject);
create index stu_sub on stu_sub(roll_no, subject);
create index stu_sub on stu_subjects(roll_no, subject);
create index stu_sub on stu_subject(roll_no, subject);

No, the answer is incorrect.
Score: 0
Accepted Answers:
create index stu_sub on stu_subjects(roll_no, subject);

For table EMPLOYEE

<table>
<thead>
<tr>
<th>ID</th>
<th>NAME</th>
<th>AGE</th>
<th>ADDRESS</th>
<th>SALARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ramesh</td>
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<td>2000.00</td>
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<tr>
<td>2</td>
<td>Khilan</td>
<td>25</td>
<td>Delhi</td>
<td>1500.00</td>
</tr>
<tr>
<td>3</td>
<td>Kaushik</td>
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<td>Kota</td>
<td>2000.00</td>
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<td>4</td>
<td>Chaitali</td>
<td>25</td>
<td>Mumbai</td>
<td>6500.00</td>
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<td>MP</td>
<td>4500.00</td>
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<tr>
<td>7</td>
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<td>24</td>
<td>Indore</td>
<td>10000.00</td>
</tr>
</tbody>
</table>

The query SELECT ID FROM CUSTOMERS WHERE SALARY > 5000 OR age < 25; will produce result

- 6 7
- 3 4 5 6 7
- 1 2 3 4 5 6 7
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
None of the above