Query Solving Test - 1

Feb19/ DBT/ 001

Database Technologies

Diploma in Advance Computing

February 2019

USE ***student\_phone, student\_address, faculty\_phone, faculty\_address, batch\_students, course\_batches, student\_qualifications, faculty\_qualifications, course\_modules, modules, faculty, student, course***relation to solve the following queries.

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| 1. **Write a query to display current month name. [Mark 1]** |
| select monthname(curdate()); |
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| **What will be the output of the following question number (2, 3, and 4)?**  Consider two tables.   |  |  | | --- | --- | | **Table a1** | **Table b1** | | **c1** | **c1** | | **1** | **1** | | **1** | **2** | | **1** | **3** | |
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| 1. **select \* from a1 left outer join b1 on a1.c1 = b1.c1; [Mark 1]** |
| c1, c1  '1', '1'  '1', '1'  '1', '1' |
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| 1. **select \* from a1 right outer join b1 on a1.c1 = b1.c1; [Mark 1]** |
| c1, c1  '1', '1'  '1', '1'  '1', '1'  NULL, '2'  NULL, '3' |
|  |
| 1. **select \* from a1,b1 where a1.c1 = b1.c1; [Mark 1]** |
| c1, c1  '1', '1'  '1', '1'  '1', '1' |
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| 1. **Display all students whose birth date is in the month of ‘July’. [Mark 1]** |
| select \* from student where monthname(dob) = 'July'; |
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| 1. **Write a statement to update the student’s address by some new address whose student name is ‘Saleel’. [Mark 1]** |
| update student\_address set address = 'new address' where studentid = (select id from student where namefirst='saleel'); |
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| 1. **What are types of joins in MySQL? (Give examples for all types). [Mark 5]** |
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| 1. **What is the difference between DELETE TABLE and TRUNCATE TABLE commands in MySQL? [Mark 2]** |
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| 1. **What is the difference between primary key and unique key? [Mark 2]** |
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| 1. **Display the second lowest marks scored by any student in ‘BE’. [Mark 1]** |
| select marks from student\_qualifications where name='BE' group by marks order by marks limit 1,1; |
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| 1. **Display all students with their voting rights, if the student is below 1980 then print the message “\*The student can vote” else print “The student cannot vote”. [Mark 1]** |
| select student.\*, if(year(DOB)< 1980, '\*The student can vote', 'The student cannot vote') Election from student; |
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| 1. **Write a stored procedure to do addition of two numbers. [Mark 1]** |
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| 1. **Write a stored procedure to insert student details is student table. [Mark 1]** |
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| 1. **Find the maximum marks any student has got in “BE”. [Mark 1]** |
| select max(marks) from student\_qualifications where name='BE'; |
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