

Q. No.	Question					
Q-1	<p>Create the table as given below in MySQL. Choose appropriate data types for each field in tables. Atleast insert 5 records in table.</p> <ul style="list-style-type: none"><li>• Make Mid as a primary key.</li><li>• MfgDate and ExpDate should not be NULL.</li><li>• Default value of Price should be 10.</li></ul> <p><b>Table Name: Manufacturer</b></p> <table><tr><th>MIId</th><th>MName</th><th>Price</th><th>MfgDate</th><th>ExpDate</th></tr></table> <p><b>Solve the following queires as given below based on above table :</b></p> <ol style="list-style-type: none"><li>1. Find the price for company whose name is ‘Lux’ or Expiry date is 18-02-2012.</li><li>2. Find the Mfg date of product whose price is greater than 500.</li><li>3. Update the price of product with increment of 10% whose id is ‘M101’.</li><li>4. Drop the table from database. <b>(Hint: only write the query. Dont run it).</b></li><li>5. Display the price whose name has letter ‘t’ in somewhere in the name.</li></ol>	MIId	MName	Price	MfgDate	ExpDate
MIId	MName	Price	MfgDate	ExpDate		

Q. No.	Question					
Q-2	<p>Create the table as given below in MySQL. Choose appropriate data types for each field in tables. Atleast insert 5 records in table.</p> <ul style="list-style-type: none"><li>• Take Rollno as Primary key</li><li>• City should be Delhi by default</li><li>• Birthdate should not be NULL</li></ul> <p><b>Table Name: Student</b></p> <table><tr><th>Rollno</th><th>Name</th><th>City</th><th>MobileNo</th><th>BirthDate</th></tr></table> <p><b>Solve the following queires as given below based on above table :</b></p> <ol style="list-style-type: none"><li>1. Display student name whose birth date is less than 21-01-2003 and city is ‘Nepal’.</li><li>2. Display student name, rollno whose city is from Patna, Delhi and Baroda.</li><li>3. Update the mobile no of student whose rollno is A05.</li><li>4. Delete all the records from table. <b>(Hint: only write the query. Dont run it).</b></li><li>5. Display the Birthdate whose name has letter ‘a’ at third place and letter ‘i’ is in sixth place in the name.</li></ol>	Rollno	Name	City	MobileNo	BirthDate
Rollno	Name	City	MobileNo	BirthDate		

**Q-3** **Table-1**  
**Employee**

Emp_id	Emp_Name	Emp_Address	Emp_Salary	Emp_hire_date
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**Table-2**  
**Department**

Dep_id	Dep_Name	Dep_Location	Dep_Head_Name	Emp_id
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**Do Sub-Queries:**

1. Display the Department name whose employee address is 'mumbai' and salary is less than 10000.
2. Display Employee name whose location is 'kolkata' or dep id=D114.
3. Display employee name who has highest salary.
4. Display second highest salary of employee.
5. Perform union, union all, intersect operations on Department table.
6. Perform simple join(.), Cross Join and natural join and full join on any table.
7. Display department location of a employee who has minimum salary.
8. Display employee salary whose headname is 'Michael' or location has letter 'i' somewhere in the name.
9. Display Dep name, emp name who has hired on Jan-1998.
10. Increase the 5% salary of the employee whose dep head name is 'Roshani'.