

Computerised Accounting Practical

Model # N003

Project No:

Title : **Creation of Query (Calculation of Profit)**

Question

From the following details calculate Total cost and profit/lost of each quarter for the year 2016-2017 by using appropriate query

QUARTER	SALES	COST	ADM_COST	SELLING_EXP	TOTAL_COSTS	PROFIT_LOSS
Q1	80000	45000	5000	2000		
Q2	60000	35000	5000	3000		
Q3	50000	30000	6000	4000		
Q4	40000	30000	7000	5000		

Procedure

Step-1 : Open LibreOffice Base (**Application→ Office→ LibreOffice Base**)

Step-2 : Create a Table in Design view by entering necessary field names and selecting appropriate field types

Field Name	Field Type
QUARTER	Text [VARCHAR]
SALES	Number [NUMERIC]
COST	Number [NUMERIC]
ADM_EXP	Number [NUMERIC]
SELLING_EXP	Number [NUMERIC]

Step-3 : Save the Table in the name 'Tbl_Sales' and close the window.

Step-4 : Open the table ' Tbl_Sales ' in Data View mode and enter the Sales and Cost details of each quarter as given in the question.

Step-5 : In the left pane of the database window, click on the Queries button and in right side, under, Tasks section click on '**Create Query in Design View**'. This will open a Add Table or Query window.

Step-6 : In this window, select the table **Tbl_Sales** and click Add button. Then close the window.

Step-7 : In Query Design window, double click on all the fields of Tbl_Sales to add these fields to query design grid.

Step-8 : In the next column, against the field, enter the following formula to calculate the Total cost.

$$\text{"COST" + "ADM_COST" + "SELLING_EXP"}$$

Step-9 : Against 'Alias' in this column enter the term '**Total_Cost**', to define the name of this field.

Step-10: In the next column, against the field, enter the following formula to calculate Gross Salary of the employees

$$\text{"SALES"} - (\text{"COST" + "ADM_COST" + "SELLING_EXP"})$$

Step-11: Against 'Alias' in this column enter the term '**PROFIT_LOSS**', to define the name of this field.

Step-12: Press F5 or click on Run Query button to display the result.

Output

	QUARTER	SALES	COST	ADM_COST	SELLING_EXP	TOTAL_COST	PROFIT_LOSS
▶	Q1	80000	45000	5000	2000	52000	28000
	Q2	60000	35000	5000	3000	43000	17000
	Q3	50000	30000	6000	4000	40000	10000
	Q4	40000	30000	7000	5000	42000	-2000
⚙							