

and date of transaction (DT, date)

Write MySQL statements to

- i) Display the customer number, maximum balance due and total of balances due grouped by customer number
- ii) Display the customer number, minimum balance due and number of balances due grouped by customer number
- iii) Display all the rows where the balance due is more than average balance due
- iv) Display all the rows where the name starts with 'R'
- v) Display the customer number, balance due and date of transaction for date of transaction before 20 July 2022

B Answer any one sub question from c) and d) in My SQL

There exists a table called BANK containing columns bank account number (BAN, integer), name of the depositor (DNAME), Amount deposited (ADEP) and date of deposit (DOD)

Write My SQL statements for the following:

- i) Display the bank account number, name of the depositor, number of amount deposited and minimum amount deposited group account number wise
- ii) Display the bank account number, name of the depositor maximum amount deposited and total of amount deposited grouped account number wise for bank account no 123

iii) Display the bank account number, name of the depositor, and date of deposit in descending order of date of deposit

iv) Display all information of bank account numbers 3 to 7

There exists a table COMPANY containing the columns employee number (ENO, integer) employee name (ENAME, character) salary (SAL, 5 integer and 2 decimal) and income tax (ITAX, numeric)

Write MySQL queries for the following:

- i) Display employee number, employer name and salary
- ii) Display employee name, income tax and 2% of the Income-Tax as 'Exemption' for all the employees
- iii) Display all the rows where the salary is above 2 lacs
- iv) Display employee number employer name and income tax in descending order of employee number
- v) Display employee number, employer name and salary of the employees whose name is Shyam
- vi) Display all the rows where the employee name contains 'a'
- vii) Display all the rows from this table where the income tax is between 20000 and 50000

Q5 A

Answer any one sub question from a) and b) in MS- EXCEL

The following data has been entered in a worksheet.

	A	B	C	D	E	F
1	PRODUCT	UNIT PRICE	QTY SOLD	TOTALA MOUNT	DISCOUNT	NETAMO UNT
2	A	6000	10			
3	B	8500	2			
4	C	400	15			
5	D	8050	14			
6						
7						

a

8	RATE OFD ISCOUNT	5%				
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Write the steps to obtain

The Total Amount, Discount Amount and Net Amount in columns D, E and F respectively.

The following data has been entered in a worksheet

	A	B	C	D
1	Emp No	Emp Name	Department	Salary
2	555	Virat	HR	24000
3	665	Sachin	ADMIN	15600
4	458	Sahil	HR	34500
5	255	Rahul	SALES	23500
6	125	Anish	HR	35900
7	488	Rupali	ADMIN	60000

Write the steps to do the following:

- 1 Arrange the data in alphabetical order of employee name.
- 2 Obtain the department wise subtotal of Salary.

B Answer any one sub question from c) and d) in MS- EXCEL

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c Consider the following worksheet showing the cost of machinery find the depreciation using WDV (Written Down Value) Method.

	A	B	D	E	F
1	Cost	500000	Years	Depreciation	WDV
2	Dep. Rate(%)	10	1		
3	No. of Years	5	2		
4			3		
5			4		
6			5		

Explain the following built-in functions in MS-EXCEL

- d**
- | | | | |
|-------------|------------|-----------|-------------|
| 1.PMT() | 2. RATE () | 3. MOD () | 4.ROUNDUP() |
| 5. COUNT () | 6. SUM () | 7. SQRT() | |
