Computer Systems & Applications (Sem-V)

October - 20

Note: (1) All questions carry equal marks and are compulsory. (2) Figures to the right indicate maximum marks for the questions.

- (1) (A) Attempt any one sub-questions from a, b, c in MS-Excel (True/False).
 - (a) A workbook can contain maximum three worksheets.
 - (b) A function can have another function as its argument.
 - (c) Once subtotal is added to the list, it cannot be removed.

(B)

b)

(A)

There exists a table CUSTOM containing the columns Customer number (NO, integer), Customer Attempt any one sub-question from a, b in MySQL: Name (CNAME, character), Balance due (BALA, numeric) and date of transaction (DT, date)

Display the customer number, minimum balance due and total of balances due grouped by Write MySQL statements to:

Display the customer number, maximum balance due and number of balances due grouped by customer number.

Display all the rows where the balance due is less than average balance due. (111)

Display the customer number, balance due and date of transaction for date of transaction before (v)

There exists a table LIBRARY having the columns Book Number (BKNO, integer), name of the book (BKNAME, character), Type of book (TYPE, character), Number of copies (NOC, integer), value of the (b) book (VALU, numeric) and Date of Publication (DP, date). Write MySQL queries for the following. Display all the rows from this table where the value of the book is below the average book value.

Display the columns books number, Name of the books and Date of Publication from this table (II)

where the value of the book is equal to the highest book value.

Display Type of book and average value of the books from this table grouped as per type. (111)

Display the Book Number, Value of the book and 'scrap value' which is 5% of the value of the (iv) book from this table.

Display all the rows where the value of the book is above 1000. (v)

There exists a table DEPT containing columns Employee number (ENO, integer), Employee name Attempt any one sub-questions from c, d in MySQL:

(ENAME, character), Salary (SAL, numeric), There exists another table COMPANY containing the columns Employee number (ENO, integer), Gender (GEN, character) and date of joining (DOJ, date). Write MySQL statement to:

Display Employee Number, Employee Name and Date of Joining from these tables for employees

Display Employee number, Employee name, Gender and date of joining from these tables for (11) employees whose salary is joining is after June 15, 2013.

Display all the rows from the table DEPT whose salary is below average salary.

Display the name and salary from the table DEPT where the salary is either 30,000 or 40,000. There exists a table SALARY containing the columns Employee number (E_NO, integer), Employee

name (E_NAME, character), Taxable income (INC, numeric) and Income tax (ITAX, numeric). Write MySQL queries for the following:

Display employee number, employee name and the taxable income.

Display employee name, Income tax and 5% of the Income tax as 'Surcharge' for all the (ii)

employees. Display all the rows where the taxable income is above 5,00,000.

Display employee number, employee name and income tax in the descending order of income (iii) (iv)

Display the employee number, employee name and taxable income of the employees whose (v) name is 'PATEL'.

Display all the rows from this table where the employee name contain 'S'.

Display all the rows from this table where the income tax is between 50,000 and 1,00,000. (vi)

Attempt any one sub-question from a, b in MS-EXCEL:

The following data has been entered in a worksheet. (a)

ng data has been	B B	C
Nam	ne Department	Salary
1 Rajan 2 Arti 3 Kiran 4 Jayesh 5 Rajan 6 Arti	Stores Accounts Production Accounts Production Stores	12,000 15,500 18,000 9,600 2,200 11,600

Based on these values, write steps to (1) Arrange the data in the descending order of Name and further in the ascending order of Department. (2) Arrange the data in the alphabetic order of Department and further in the descending order of salary. (8)

For the following spreadsheet write the steps to obtain the Subtotals of the fees classwise.

ing spreadsheet with B		C
Poll No	Class	Fees Paid
THE RESIDENCE OF THE PERSON NAMED IN	THE RESERVE AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO	3000
		3500
		4000
		3000
		4000
		3500
	A Roll No. 232 451 484 557 782 891	Roll No. Class F.Y.B.Com 451 S.Y.B.Com T.Y.B.Com 557 F.Y.B.Com T.Y.B.Com T.Y.B.Com

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