

M.Sc. (I.T.) Semester - 2
Examination November – 2015

Paper No. 8 Programming Lab – II

Time: 3 Hours

Total Marks: 100

- Q.1 Create the following tables with necessary constraints: [50]
SALESMAN(**SID**, SNAME, SADD, SPHONE)
ITEM(**ITEMNO**, ITEMNAME, PRICE)
SMAN_ITEM(**SID**, **ITEMNO**, QTY)
(Underline and bold fields indicates it is primary key. In SMAN_ITEM table SID and ITEMNO are foreign keys)
Insert appropriate data in all tables.
Write SQL queries for the following:
(i) Display details of all those items that have never been sold.
(ii) Delete all those items that have been sold only once.
(iii) Display all those salesman who have sale out more than 1000 qty of the same item.
(iv) List all salesman with their total amount of selling.
(v) Display item-wise selling details.
- Q. 2 (a) Write a C++ program for storing and display data about student. You [20]
must include following data items for the student:
(i) Name
(ii) DOB
(iii) SUB1_Marks
(iv) SUB2_Marks
(v) Total_Marks
(vi) Percentage
Write a function that will calculate the total marks and percentage of the students. Determine best student from the data.
- Q.2 (b) Write a C++ program to perform the following: [30]
Prepare Class Area with member l, b and area. And calculate total area of two different areas of a plot by overloading + operator.
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