

N-306-B
Second Year B. C. A. Examination
November / December - 2004
Practicals : 306

Seat No. _____

Time : [] Hours]

[Total Marks : 40]

Instruction : Figures to the right indicate full marks.

- 1 Create the following tables with proper data type name and constraints. 40

Sales	Agents
Sales - id	Agent - No
Sale - date	Agent - Name
Cust - Name	Agent - City
Agent - No	Commission
Sales - Amount	

- (1) Create the tables and insert at least 10 records.
- (2) List the Agents who sold the product in November.
- (3) Display the Details of Agents whose sales amount is less than 10,000 for last month.
- (4) Display the agent with maximum and minimum commission.
- (5) List the agents whose commission is zero last month.
- (6) Make the Agent No as foreign key in sales table.
- (7) List the agent's name and sales made by him as on today.
- (8) Display all sales information such that agent is "Rahim".
- (9) Add a new column in Agents table as Agent - mobile number.
- (10) Display the names of all the customers within each agent for March.

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[Contd...

- 2 (a) Create a user-defined manipulator to provide : 20
- (1) 10 Columns width
 - (2) Right Justified
 - (3) Showing the trailing zeros
 - (4) All the unused places with '*'
- Use it in a Basic data type to class conversion of Class time. Class time includes data members hour and min.
- (b) Write a program to create a class called inventory. 20
- Which adds data into a file called "Stock - txt".
The member data are name, code, cost.
Program should facilitate to add data into file, modify data and display data.
- 3 In a doubles Linked List make provisions for 40
- (1) Adding a node
 - (2) Deleting a node
 - (3) Displaying the nodes present in Linked List.
- 4 Viva + Journal. 20