



**KA-3737**

**Second Year B. C. A. (Sem. III) Examination**  
**October / November – 2012**  
**Practicals - 306**

Time : 5 Hours]

[Total Marks : 140

**Instructions :**

(1)

|   |                      |
|---|----------------------|
| नीचे दशावलि निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.<br>Fillup strictly the details of signs on your answer book. | Seat No. :           |
| Name of the Examination :   | <input type="text"/> |
| <b>SECOND YEAR B. C. A. (SEM. 3)</b>  | <input type="text"/> |
| Name of the Subject :   | <input type="text"/> |
| <b>PRACTICALS - 306</b>   | <input type="text"/> |
| Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 3 <input type="text"/> 7    | <input type="text"/> |
| Section No. (1, 2,.....): <input type="text"/> <b>NIL</b>   | <input type="text"/> |
|   | Student's Signature  |

(2) Figure on the right indicated marks.

- 1 Create a File called employee using Class and object (with member empno,empname, designation, salary). Store the data of employees in another file called emp1 whose designation is manager or salary is  $\geq 50000$ . **40**
- 2 Write a program to perform following in Doubly linked list **40**
  - (i) Insert at specific node.
  - (ii) Search a particular value.
  - (iii) Delete node with specified item.
  - (iv) Display list in both Direction
- 3 Create the following tables with necessary constraints **40**

Bill(Bill\_No,Table\_No,Waiter\_No,Total\_Amt,Tip,Day)  
Menu(Dish\_No,Dish\_Descrip,Price)  
Order(Bill\_No,Dish\_No,Qty)

Write the following SQL command for tables:

  1. Find the total collection of 'table 12' for the November month of this year
  2. Find the most favorite and least Favourite dish of the customers
  3. Find the Table No most referred by the customers
  4. Find Average no of each dish quantity sold out every day
  5. Find the total selling in first week of December

A) Write a function which display the maximum order quantity.

B) Write a database trigger, which insert order detail into order table as new bill is generated.

4 Viva and journal

**20**

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**[4000]**