



G-3743

**Second Year B. C. A. (Sem. III) Examination**  
**November / December – 2014**  
**Paper - 306 : Practical**

Time : 5 Hours]

[Total Marks : 140

**Instruction :**

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	
S. Y. B. C. A. (Sem. III)	
Name of the Subject :	
Paper - 306 : Practical	
Subject Code No. : 3 7 4 3	Section No. (1, 2,.....) : Nil
Student's Signature	

**Q: 1** Write a program that works with two files. In first file store the rollno, name, city of five students. In second file store result details (rollno, marks, status [P = PASS, F= FAIL, A=ABSENT] ) for each student. Perform following operations. [40]

- Display list of fail students
- Display list of absent students.
- Display mark sheet based on roll number.

**Q: 2** Write a program to implement Output restricted Dequeue using Linked List and perform insert and delete operations on it. [40]

**Q: 3** Consider the following tables. [15]

Company (cno, cname , country)  
Medicine (mid, cno, mname, type [ S= syrup , I = injection , T = tablet] , price)

- (A) Solve the following queries.**
- 1) Create the tables with necessary constraints and enter suitable data.
  - 2) Display details of the medicine which are made in japan.
  - 3) Display total number of medicine made by each company.
  - 4) Display medicine name, company name and price for all the Tablets.
  - 5) Display the name of company which makes more than 2 types of syrup.

**(B) Write a PL/SQL Function** that will take as a parameter medicine type and company name as an argument and return the number of company form the given company that make the given type of medicine. Also write the calling program. [25]

**Q: 4** Viva and Journal. [20]

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