



MJ-3741

Second Year B. C. A. (Sem. III) Examination

December – 2015

Practicals : Paper - 306

Time : 5 Hours]

[Total Marks : 140

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य बभवी.  
 Fillup strictly the details of signs on your answer book.

Name of the Examination :  
**SECOND YEAR B. C. A. (SEM. 3)**

Name of the Subject :  
**PRACTICALS : PAPER - 306**

Subject Code No. : **3 7 4 1** Section No. (1, 2,.....) : **NIL**

Seat No. :

Student's Signature

(2) Figure on the right indicate marks.

A) Create the following table.

[40]

Product master

Prd\_no varchar2(6) p.k.  
 Prd\_desc varchar2(15)  
 Qty\_on\_hand n(8)  
 Sell-price n(8,2)  
 Cost\_price n(8,2)

Sales order details

Order\_no varchar2(5)  
 Prd\_no varchar2(6) f.k.  
 Qty\_order n(8)  
 Prd-rate n(10,2)  
 Order\_date date

1) Solve the following queries.

- (a) Display Order no, order\_date, Product name, qty\_order between is between the month january to march.
- (b) Display products information which order in the current month.
- (c) Display product information which is not yet sold.
- (d) Delete all order details for the product name start with J or T.
- (e) Change Sell\_price and Cost\_price as 100 and 50 for the product 'trouser'.

(A) Create UDF which check whether the Qty\_order is less than Qty\_on\_hand for particular Prd\_no.

(B) If Qty\_order is less than Qty\_on\_hand then return value to calling environment and update the stock otherwise raise the exception and Display message "QTY\_ON\_HAND IS LESS THEN ORDER QUANTITY".(use Procedure)

B) Write a program to convert infix expression into prefix expression

[40]

C) Create a class “emp” containing the data members Name of employee, [40]  
Employee number, Basic Salary, Allowance. Take appropriate member function  
and data into class, then after write data into data file called “emp.dat” until user  
choice. Display the information of all employee from a file along with pf, total  
salary. Use read() and write() binary function for file. [pf = 12% of basic salary,  
total salary = basic salary + Allowances – pf ]

D) Viva + Files

[20]