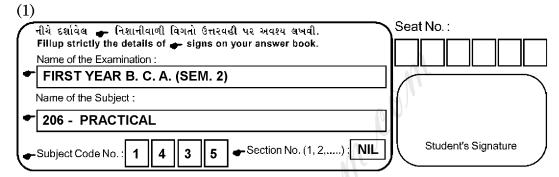# SD-1435

First Year B. C. A. (Sem. II) Examination
April / May - 2011
206 - Practical

Time : **5** Hours]   [Total Marks : **140**

Instructions :

(1)

Fillup strictly the details of ☛ signs on your answer book.

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Name of the Examination :

☛ FIRST YEAR B. C. A. (SEM. 2)

Name of the Subject :

☛ 206 - PRACTICAL

☛ Subject Code No. : | 1 | 4 | 3 | 5 | ☛ Section No. (1, 2,.....) : | NIL |

Seat No. :

Student's Signature

(2)   Figure on the right indicate marks.

1   Write a program in C to Find the Factorial of a Given Number.   [25]

2   Write a C program to find the sum of diagonal elements of a matrix.   [25]

3   Consider following relations in database and solve the queries   [40]

Book_mast(bookno,bookname,author,publisher, noofcopy)
Studentmaster(libno, studentname, bookno, noofcopy)
Transcation(tranno, trantype, libno, bookno, nofocopy, trandate)

Give transction type = "I" for Issue and "R" for return

(1) Give primary key and other constraints to each table
(2) Display all books whose publisher is "BPB"
(3) Display all student name who have more than two books
(4) Display students who have books of "Operating System"
(5) Delete records from studentmaster of all students who have "VB.NET" book
(6) Change transaction type to "R" for all truncation whose transaction type is "I" and bookname is "Let us C"
(7) Display all student name who have got book and whose publisher is "TATA MACGRAW HILL"
(8) Count the no books which have been given to student whose name is "DBMS"
(9) List the no of authors whose publisher is "Bension Education"
(10) list no publisher whose books are in libarary

4   Create company of Jenis jariwala for the year 31st March, 2008 and enter   [30]
    the following balances under proper ledger in tally :

Jenis's capital A/C.	65,000
State Bank of India A/C.	42,000
Cash A/C.	3,200
Salaries A/C.	5,600
Purchases A/C.	4,560
Brokerage A/C.	650
Sales Tax A/C.	5,460
Sales A/C.	8,620
Purchase return A/C.	6,000
Wages A/C.	4,690
Snehal Verma's A/C.	3,588
SBI Loan A/C.	5,000
Computer A/C.	6,500
General Expenses	2,100
Rent received A/C.	360
Creditors A/C.	8,900

5   Viva + Journal.   [20]