



SD-1435

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

Time : 5 Hours]

[Total Marks : 140

**Instructions :**

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="FIRST YEAR B. C. A. (SEM. 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="206 - PRACTICAL"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="3"/> <input type="text" value="5"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	

(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 transaction 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 library

- 4 Create company of Jenis jariwala for the year 31<sup>st</sup> 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]