



SQ-2256

Seat No. _____

P. G. D. C. A. (Sem. I) Examination

April / May - 2006

S/SC-2256 : DBMS-FOXPRO For Windows

Time : **3** Hours]

[Total Marks : **100**

- Instructions :** (1) **All** questions are to be attempted.
 (2) Each section should be answered in **separate** main sheets.

SECTION - I

- 1** (a) Differentiate between : (any **three**) **15**
 (1) Procedure and Function
 (2) Locate and Seek
 (3) Recall and Replace
 (4) Edit and Change
- (b) Write a program to generate the following output, **5**
 for any number inputted :
 1
 1 2
 1 2 3
 1 2 3 4

 1 2 3 4 5 6 ... n
 (n is the number inputted by the user.)
- 2** (a) Answer the following : (any **two**) **12**
 (1) What is sorting ? Explain with the help of an example.
 (2) Explain, with an example the concept of indexing.
 (3) Explain scatter-gather with an example.
- (b) What are reports ? Write steps to generate reports **8**
 in Foxpro.

- 3 Explain the concept of array in Foxpro. Write a program to sort an array of 10 numbers. **10**

SECTION - II

- 4 (a) Explain the following : (any **three**) **15**
(1) Scan Endscan (2) Do...case
(3) Select and List (4) Use
(b) What is DBMS ? Discuss the advantages of storing data in a database instead of a file. **7**

- 5 Attempt any **one** : (Assume suitable database) **12**
(1) Write a menu-driven program to add and delete records to a table with the following structure :

| | | |
|---------|---|----|
| Team | C | 30 |
| Matches | N | 3 |
| Won | N | 3 |
| Lost | N | 3 |
| Tie | N | 3 |
| Points | N | 3 |

- (2) Write a program to update the data of the above table. Updation should be done based on the following conditions :
Points calculated :
for every game won, points = 4
for every game in a tie, points = 2
Use provide proper validation for the team field while entering the data, in such a way that the user should not enter the same team name more than once.
- 6 Explain the following functions with example : (any **eight**) **16**
- | | |
|--------------|------------------|
| (1) dloc () | (2) All trim () |
| (3) sqrt () | (4) right () |
| (5) min () | (6) lower () |
| (7) mod () | (8) floor () |
| (9) cdow () | (10) vpad () |