Total No. of Questions : **9**]   [Total No. of Printed Pages : **3**

(1126)

B.A./B.Sc. (General) Vth Semester (0005) Examination

0473

COMPUTER APPLICATIONS
(PROGRAMMING WITH VB.NET AND ORACLE)
Paper : A

Time : 3 Hours]   **[Maximum Marks : 65**

Note :– Attempt *Five* questions by selecting *one* question each from Section (A-D) and compulsory question.

Compulsory Question

1. (a) What is purpose of property window in Visual Studio ?

   (b) How do you perform conditional retrieval of rows ?

   (c) How do you create an equi join?

   (d) What is the purpose of Commit and Roll back ?

   (e) Discuss various PL/SQL data types.   2,2,3,3,3

A–382   (1)   Turn Over

Section–A
13 each

2. Discuss the various operators used in VB.net with suitable examples.

3. What are procedures and functions in VB.Net ? How do they differ ? Discuss with example.

Section–B
13 each

3. Write VB.Net program to sort an array using bubble sort.

4. Discuss in detail the various components of ADO.NET architecture.

Section–C
13 each

6. (a) Discuss the DBMS architecture.

   (b) Write a note on Cartesian and Outer Joins.

7. Write notes on the following :

   (a) Oracle Data types

   (b) Arithmetic functions

A–382   (2)

8. Explain and write suitable SQL queries for the following operations :

   (a) Creating and deleting a table

   (b) Creating a sequence

   (c) Creating a View

9. Write a detailed note on the Cursor management in PL/SQL.