B.A./B.Sc. (General) 5th Semester Examination

1127

COMPUTER APPLICATIONS
Paper : A Programming With VB.Net and Oracle

Time : 3 Hours]   **[Max. Marks : 65**

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

(Compulsory Question)

1. (a)   What is purpose of solution explorer window in Visual Studio ?   2

   (b)   How do you declare and initialize a two dimensional array in VB.Net ? Give example.   2

   (c)   Write a note on Data Grid View control.   2

NA–94   (1)   Turn Over

(d) What is Cartesian join and equi join ? 2

(e) Write the SQL query for creating a table. 2

(f) What are exceptions in PL/SQL ? Name some predefined exceptions. 3

Section—A

2. Discuss the branching and looping control structures available in VB.Net. 13

3. Discuss the various ways of passing arguments to a procedure. How do they differ from each other ? Give examples. 13

Section—B

4. Write a VB.Net program to find an array element inside the array using linear and binary search. 13

5. Discuss the ADO.Net architecture in detail. 13

Section—C

6. Discuss the 12 Rules (Codd's Rule) for RDBMS. 13

7. Discuss the various Character functions and group functions. Give example. 13

NA—94 (2)

Section–D

8. What are Views ? Why are they used ? Discuss how you can manipulate base table with views and drop a view ?   13

9. Discuss the PL/SQL Architecture in detail. What are the various data types used in PL/SQL ?   13

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