Date: 13/9/2013   Time: 04:00 to 05:15 PM   Max. Marks: 30

Note:

1. Figures on the right indicate full marks.
2. Make the suitable assumption if required, do specify the same.

Q.1   What are the Benefits of ADO.NET? Compared ADO.NET to classic ADO and define the architecture of ADO.net.   [05]

Q.2(A)   What is namespace? Explain it with its advantages. Create VB.Net console [05] application to implement user defined namespace. Also give code to import it in another application.

OR

Q.2(A)   What is inheritance? Create VB .Net console application to define person class and [05] derive student and employee from it to demonstrate inheritance.

Q.2(B)   Define following terms. (Any Five)   [05]
   a. MSIL
   b. CLR
   c. CLS
   d. Namespaces
   e. Assemblies
   f. Metadata
   g. Side by side execution
   h. Versioning

Q.3.   Differentiate ASP and ASP.Net. Explain Hyperlink and Image controls with example.   [05]

Q.4(A)   Answer the following question. (Any one)   [05]
   1) Explain .net framework architecture with diagram. Also briefly explain all components of it.
   2) Explain garbage collection in .NET in detail.

Q.4(B)   What is property? Differentiate it with indexer. Write a C# code to implement the [05] properties for name and age data member of Person class.

-: Best of Luck :-