QP Code : **AO-4082**

(3 Hours) [Total Marks : 60]

N. B. : (1) All questions are compulsory.
(2) Figures to the right indicate marks.
(3) Illustrations, in-depth answers will be appreciated.
(4) Mixing of sub-questions is not allowed.

1. Attempt the following (any **four**) :-   12
   (a) What are the goals of CLR ?
   (b) What is LINQ ? Give the advantages of LINQ.
   (c) Explain AdRotator control in ASP.NET.
   (d) What is Timed Refreshes ? Explain.
   (e) Write a short note on Dot Net Framework.
   (f) State XMLs hidden role in .NET.

2. Attempt the following (any **three**) :-   12
   (a) Give the syntax of MessageBox in VB 2008.
   (b) List and explain any four basic window controls.
   (c) Explain OpenFileDialog control in detail.
   (d) What is structured exception handling ? Explain.

3. Attempt the following (any **three**) :-   12
   (a) How to create name space ? Explain.
   (b) Write a short note on SqlConnection class in VB.NET.
   (c) What is partial class ? Explain.
   (d) Explain with an example the concept of method overriding in VB.Net.

4. Attempt the following (any **three**) :-   12
   (a) Explain the postback processing sequence with diagram.
   (b) Write a short note on life cycle of ASP.NET web page.
   (c) List the advantages and drawbacks of cookies in state management.
   (d) Explain server side validations and its use. Where "Is Valid" is used ? Give suitable example.

5. Attempt the following (any **three**) :-   12
   (a) Explain sorting and paging with respect to GridView control in ASP.NET.
   (b) Explain ScriptManager and UpdatePanel Controls of ASP.NET.
   (c) Explain data caching in details.
   (d) List the components of web services.

Con. 3533-14.