Q.P. CODE: 36378

(Time: 3 Hours)   **Total Marks: - 80**

N.B. (1) Question No. **1** is **compulsory.**
   (2) Attempt any **three** from the remaining questions.
   (3) Illustrate answers with neat sketches wherever required.
   (4) Answers to questions should be **grouped** and written **together.**

Q.1 (a) Explain .Net framework in detail.   10

   (b) What is ADO.NET? Explain various steps involved to connect a database
        using C# with an example.   10

Q.2 (a) What is Exception Handling? Explain various Exception Handling
        Keywords in C#.   10

   (b) What is WCF? Explain WCF architecture in detail.   10

Q. 3 (a) Explain various ASP.NET coding modules in detail.   10

   (b) What is the use of Generics in C#? Explain with suitable example.   10

Q. 4 (a) What is Constructor? Explain various types of Constructors in C# with
        suitable example.   10

   (b) Explain in detail Postback and Cross page posting in ASP.Net.   10

Q. 5 (a) List the different classes which are used in C-Sharp for file handling?
        Explain any two classes with the help of example.   10

   (b) What is AJAX? Explain Timer Control and UpdatePanel Control with
        suitable example.   10

Q. 6 (a) Create ASP.NET application to demonstrate various validation controls. 10

   (b) What is Web Service? Explain UDDI, SOAP, and WSDL with respect to
        web services.   10

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