

- 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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