

- N.B. (1) Question No. 1 is compulsory.
(2) Attempt any four from the remaining six questions.
(3) Illustrate answers with neat sketches and code snippet wherever required.
(4) Answers to questions should be grouped and written together.
- Q.1 (a) Explain the role of client and server side state management in ASP.NET. 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 WPF? Describe the WPF class hierarchy. 08
(b) Write a C# program to overload '+' operator. 07
- Q.3 (a) What is jQuery? Differentiate between jQuery and JavaScript. 08
(b) What is Exception Handling? Explain various Exception Handling Keywords in C#. 07
- Q.4 (a) What is Constructor? Explain various types of Constructors in C# with suitable example. 08
(b) What is AJAX? Explain Timer Control and UpdatePanel Control with suitable example. 07
- Q.5 (a) What is Silverlight? Explain various Silverlight Controls in detail. 08
(b) Create a student registration form with appropriate fields. Validate the data using Validation controls (Make your own assumptions). 07
- Q.6 (a) Explain various ASP.NET coding modules in detail. 08
(b) What is Web Service? Explain UDDI, SOAP, and WSDL with respect to web services. 07
- Q.7 Write the short notes on any three 15
(a) Global Assembly Cache
(b) Difference between Java and .Net
(c) Use of global.asax file
(d) Search Engine Optimization
(e) SOAP.
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