

(3 Hours)

[Total Marks :80]

- N.B** (1) Question No.1 is compulsory.
(2) Answer any **three** questions from Question Nos. 2 to 6.

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| 1. | Attempt any Four :- | 20 |
| | (a) Explain types of assembly with structure. | |
| | (b) Write a note on LINQ. | |
| | (c) Explain in detail Cross page posting in ASP.Net. | |
| | (d) Explain various types of Constructors in C# with suitable example. | |
| | (e) Explain difference between JQuery and JavaScript in ASP.Net. | |
| 2. | (a) What is Web Service? Explain UDDI, SOAP, and WSDL with respect to web services. | 10 |
| | (b) What is ADO.NET? Explain various steps involved to connect a database using C# with an example. | 10 |
| 3. | (a) What is AJAX? Explain UpdateProgress control and Timer control with suitable example. | 10 |
| | (b) Explain (1) Sealed Classes (2) abstract classes in C# with example. | 10 |
| 4. | (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) Create ASP.NET application to demonstrate various validation controls | 10 |
| 5. | (a) Explain architecture of WCF with different types of contract? | 10 |
| | (b) What is Exception Handling? Explain various Exception Handling Keywords in C#. | 10 |
| 6. | (a) Explain the architecture of DOT NET framework with diagram? | 10 |
| | (b) What is Generics? Explain Generic classes, functions and constraints on generics. | 10 |