

[Time:2.30 Hrs]

Marks:75

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. Figures to the right indicate full marks.

- Q1 Attempt **any three** of the following: 15
- a. What is namespace? Explain System namespace.
 - b. Explain .Net Class Library.
 - c. Discuss the various looping structures in C#
 - d. Explain properties and indexer in C#
 - e. Explain how arrays are created in C#.
 - f. List and Explain the Components of assemblies.
- Q.2 Attempt **any three** of the following: 15
- a. Explain in detail Web Control hierarchy
 - b. Explain in detail the concept of HTMLServer Controls.
 - c. Write a short note on Validation Controls.
 - d. State and explain the properties of TreeView Control
 - e. What are different types of WebServer controls?
 - f. State and explain the properties of Menu Control
- Q.3 Attempt **any three** of the following: 15
- a. Explain Client Side Management technique with its types
 - b. Explain with examples try, catch and finally blocks in exception
 - c. Write in detail about custom exceptions and explain with an example.
 - d. What is CSS? Explain with its advantages and disadvantages
 - e. Explain session state with an example.
 - f. What is tracing? Explain page tracing in detail with examples
- Q.4 Attempt **any three** of the following: 15
- a. Write a note on Direct data access.
 - b. Explain Single Value Data binding.
 - c. What are different style properties of GridView control?
 - d. How to create SQL server database and table?
 - e. What are the different types of Template in GridView control?
 - f. List and explain ADO.NET Objects
- Q.5 Attempt **any three** of the following: 15
- a. Explain AJAX with its advantages and disadvantages
 - b. What is authentication and authorization in XML?
 - c. How XML is different from HTML? What is a valid XML document?
 - d. What is Security Assertion Markup Language and how does it work.
 - e. What is XML Namespace? What are the different types of authentication in XML?
 - f. What is the use of partial refreshes in ASP.NET using AJAX?
