

[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.  
3. Students answering in the regional language should refer in case of doubt to the main text of the paper in English.

Q.1 Attempt any three of the following: 15

- Write a note on .NET Framework.
- Write a program to accept a character from the user and check whether it is vowel or not.
- Explain constructor with example in C#.
- Explain inheritance with example.
- Explain JIT compiler.
- What is namespace? Explain System namespace.

Q.2 Attempt any three of the following: 15

- What is Code behind class in ASP.Net?
- Write a short note on Debugging.
- Explain in detail the concept of HTMLServer Controls.
- What is an Autopostback method in ASP.Net?
- What is Life Cycle of a Web Page?
- What are different Navigation controls in ASP.Net?

Q.3 Attempt any three of the following: 15

- Explain different types of exceptions in .Net.
- What is tracing? Explain page tracing in detail with examples
- What are the different types of State Management techniques?
- Explain cookies with an example.
- What is CSS? Explain with its advantages and disadvantages.
- Give the uses of master page. How master pages work?

Q.4 Attempt any three of the following:

15

- a. Explain the architecture of ADO.NET in detail.
- b. How to retrieve table data with SQL? What is Data Binding? Explain its types.
- c. Explain Sql Data Source with properties.
- d. Explain the GridView control in detail.
- e. How to use DetailView control?
- f. Explain different types of Data Providers.

Q.5 Attempt any three of the following:

15

- a. How XML is different from HTML?
- b. What is a valid XML document?
- c. What is XML Namespace?
- d. What are the different types of authentication in XML?
- e. What is ASP.NET AJAX?
- f. What are the limitations of AJAX?

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