



- (d) Explain the structure of web.config file.
- (e) Explain the terms ViewState and AutoPostBack.
- (f) What are HTML Server Controls? What are their features?

**Q. 3 Attempt the following (Any THREE) (15M)**

- (a) Write a note on the Page Lifecycle.
- (b) State and explain the important properties of any two Validator controls.
- (c) Write a program wherein you restrict a user to not select a national holiday.
- (d) What is a cookie? How to add and retrieve value from a cookie? Give example.
- (e) Write a short note on the SiteMapPath Control.
- (f) What is the use of MasterPages in ASP.NET? How a Content page can be added to a Master Page.

**Q. 4 Attempt the following (Any THREE) (15M)**

- (a) Explain any two controls of ASP.NET AJAX Toolkit.
- (b) Write a short note on Caching.
- (c) State the important methods of XMLTextWriter class.
- (d) What do you mean by Data provider in ADO.NET? Explain any two types of classes from it.
- (e) State XML's hidden role in .NET.
- (f) Explain sorting and paging with respect to GridView control of ASP.NET

**Q. 5 Attempt the following (Any THREE) (15M)**

- (a) Write a short note on .NET framework.
  - (b) State and explain the contents of the advertisement file.
  - (c) Explain the QueryString property of Request object.
  - (d) Write a short note on SqlConnection class.
  - (e) Explain the Standard Query operators "Select", "From", "orderby" and "Where" in LINQ.
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