



JC-1645

M. Sc. (Sem. VII) (I.T.) Examination

March/April – 2013

702 : Advanced .NET

Time : 3 Hours]

[Total Marks : 70]

Instruction :

<p>નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય કરની. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination :</p> <p>M. SC. (SEM. 7) (I.T.)</p> <p>Name of the Subject :</p> <p>702 : ADVANCED .NET</p> <p>Subject Code No. : 1 6 4 5 Section No. (1, 2,.....) : Nil</p>	<p>Seat No. :</p> <table border="1" style="margin-bottom: 10px;"> <tr> <td style="width: 15px; height: 15px;"></td> </tr> </table> <div style="border: 1px solid black; width: 150px; height: 50px; margin-top: 10px;"></div> <p>Student's Signature</p>						

- 1 (a) Do as directed : 8

 - (i) How to get previous page posted data for ASP.NET application ?
 - (ii) What is WebMethod ?
 - (iii) _____ interface helps to exchange metadata in WCF Service.
 - (iv) Which language is used to write code for WPF and Silverlight ?
 - (v) What GradientBrush does ?
 - (vi) Which configuration file is used by ASP.Net engine ?
 - (vii) True or False ? “ASP.NET web page response is converted in HTML format by ViewState.”
 - (viii) How to get browser information in ASP.Net ?

(b) Explain ASP.NET page lifecycle in detail. 6

2 Attempt any two from the followings : 14

 - (i) What is Web Service ? How we can create and consume it in .NET ?
 - (ii) How to configure membership functionality in ASP.NET application ?
 - (iii) Explain Nested Masterpage concept with proper example.

3 Answer the following questions : (any two) **14**

- (i) How AJAX changes the web page execution in .NET ? Explain with the help of Viewstate.
- (ii) What is tracing ? How to configure it ? What type of information we get by it ?
- (iii) How to use Themes and Profiles in ASP.Net web application ?

4 Do as directed :

- (a) What is WCF ? Explain various types of WCF services. **7**
Also describe testing of services using WCFTestClient Tool.
- (b) Write a WPF application to perform various operations **7** on video in a button.

OR

- (b) We need to prepare a workflow which get user input for selection of another flow in WF. Explain steps with proper example and code section to do so.

5 Do as directed :

- (a) What is MVC ? How we can create all functionalities **7** for Student data using MVC in .NET web application?
- (b) How we can host a WCF service ? Explain any one **7** hosting method with proper example. Also consume that service by any other application.

OR

- (b) How to use WebParts to create flexible user interface in .NET ?
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