



P-1695

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

March/April – 2014

702 : Advanced .NET

Time : 3 Hours]

[Total Marks : 70

Instructions : (1)

નીચે કર્યાલે <input checked="" type="checkbox"/> નિશાનીવાળી ચિગતો ઉત્તરવહી પર અવસ્થા લખવી. Fillup strictly the details of <input checked="" type="checkbox"/> signs on your answer book.		Seat No.:
Name of the Examination :		<input type="text" value=""/>
<input checked="" type="checkbox"/> M. SC. (I.T.) (SEM. 7)		
Name of the Subject :		<input type="text" value=""/>
<input checked="" type="checkbox"/> 702 : ADVANCED.NET		
Subject Code No. : <input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="9"/> <input type="text" value="5"/>		Section No. (1, 2,.....) : <input type="text" value="Nil"/>
Student's Signature		

- (2) All questions are compulsory.
(3) Draw figure(s) and give example(s) whenever necessary.

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|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------|
| 1 | (a) Do as directed : | 8 |
| (i) Which tool is used to test WCF service? | | |
| (ii) What is WebMethod ? | | |
| (iii) "ASP.Net provides automatic browser detection".
How to get browser details? | | |
| (iv) WPF and Silverlight code is written in _____ language. | | |
| (v) What is SkewTransform? | | |
| (vi) Which is default database for Membership functionality? | | |
| (vii) _____ assembly contains IMetadataExchange interface. | | |
| (viii) What is GAC ? | | |
| (b) Write a detail note on Global.asax file. 6 | | |
| 2 | Attempt any two from the followings : | 14 |
| (i) What is Web Service? Explain its various components in detail. Also specify its advantages over traditional class library. | | |

- (ii) How ASP.NET page executes? Explain various stages of page execution in detail.
- (iii) How we can manage different user requirement in one application with layered master pages?
- 3** Answer the following questions : (any two) **14**
- (i) How to use Themes and Profiles in ASP.Net web application?
 - (ii) What is Globalization and Localization? How it can change page contents as per geographic user? How to configure .NET web application for this ?
 - (iii) How AJAX improves performance of .NET web application? Explain with example.
- 4** Do as directed :
- (a) What is ABC of WCF ? How it helps to make WCF application accessible with different access requirement ? **7**
 - (b) What is WorkFlow ? Explain any one type of workflow application with example. Also specify its advantages.
- OR**
- (b) How to use WebParts to create flexible user interface in .NET?
- 5** Do as directed :
- (a) How MVC helps in rapid development of ASP.Net application? Also discuss its URL writing structure. Explain with example. **7**
 - (b) How we can host a WCF service? Explain any one hosting method with proper example. Also show how to consume that service by a console application.
- OR**
- (b) Write a WPF application to perform various operations on video in a button.
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