



**P-1695**

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

**March/April – 2014**

**702 : Advanced .NET**

Time : 3 Hours]

[Total Marks : 70

**Instructions : (1)**

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

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

- 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. **7**
- 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. **7**
- OR**
- (b) Write a WPF application to perform various operations on video in a button.
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