DH-1742

M. Sc. (I.T.) (Sem. VII) (External) Examination
March / April - 2016
Advanced .NET

Time : **3 Hours**]   [Total Marks : **70**

Instructions :

(1)

(2)   All questions are compulsory.

(3)   Draw figures and give example whenever necessary.

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1   Attempt any TWO: **[14]**

1. What is Web Service? Explain its usage with proper example.
2. How we can use ASP.NET Membership Functionality? Explain with detail steps for configuration.
3. What is State Management for web application? Explain any one in detail.

2   Attempt any TWO: **[14]**

1. How we can use Profiles and Themes for ASP.NET applications?
2. Write a note on ASP.NET architecture. Also explain separation of design and logic for ASP.NET application development.
3. How ASP.NET MVC architecture is useful for rapid application development?

3   Attempt any TWO: **[14]**

1. What is Tracing? How we can use it for ASP.NET application?
2. How we can use AJAX with ASP.NET application? Explain its advantages for user interaction.
3. What is XAML? How we can use it for rich user interface development in .NET application?

4 **Attempt any TWO:** **[14]**

1. How we can view a video and create a 2D object animation using WPF application?
2. How we can test and use WCF service library in ASP.NET application?
3. Explain ASP.NET MVC URL routing mechanism in detail with proper example.

5 **Attempt any TWO:** **[14]**

1. What is Globalization and Localization? How it is useful for different language users of web application?
2. Compare Web Service and WCF Service with example.
3. What is Caching? How we can enhance performance of ASP.NET web application using it?