RJ-1747

M. Sc. (I.T.) (Sem. VII) (External) Examination
March / April - 2017
Advanced .NET

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

Instructions :

(1)

(2)   All questions are compulsory.

(3)   Draw figures and give example whenever necessary.

1   Attempt any **TWO** :   **14**

(1)   Explain different session state management types in ASP.NET.

(2)   What is ViewState ? How it works with ASP.NET page lifecycle ?

(3)   Explain fragment caching and page caching with example. Also explain its usage for application performance enhancement.

2   Write notes on any TWO from the following in detail :   **14**

(1)   ASP.NET Membership functionality.

(2)   Globalization and Localization

(3)   Debugging and Tracing.

3   Attempt any TWO :   **14**

(1)   What is ABC of WCF? How WCF is different than any other Microsoft communication technology ?

(2)   Explain WCF library application structure by taking suitable example.

(3)   How ASP.NET MVC architecture is useful for rapid application development ?

4 Attempt any **TWO** :   **14**

    (1) What is WPF? How is it different than other types of presentation technologies ?

    (2) List out various container types in WPF. Explain any two in detail with example.

    (3) Explain concept of AJAX for ASP.NET application using proper example.

5 Do as directed :

    (1) By giving proper example, explain WCF service as a model   **7** in MVC application.

    (2) What is web service ? How can we create it in .NET and   **7** consume it in any type of .NET application ?

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