MCA/Sem-V (CBSGS)/Adv. Web Technology & Dot Net/ Nov-16

QP CODE : 516201

[Max Marks: 80]   [Duration: 3hrs]

N.B.:   (1) Question No 1 is compulsory

         (2) Answer any four questions from Q.2 to 7

Q 1   Attempt the Following (Any Four)   20
     a)   What is Search Engine? Explain Search Engine Optimization.
     b)   Explain In Process and Out of Process Session Management in ASP.NET
     c)   What is jQuery? Explain difference between JavaScript and JQuery.
     d)   What are delegates in C#? Explain with a suitable example.
     e)   Write a note on UDDI

Q 2   a)   What are Generic Functions and Classes in C#? Explain the constraints   8
            on generic programming in C#.
      b)   What is Session management? Explain any two Client side session   7
            management techniques with an example in ASP.NET

Q 3   a)   What is a Web Service? Explain steps to create and Consume a web   8
            service in ASP.NET with a suitable program.
      b)   What is CLR? Explain working of CLR. Add note on features of CLR.   7

Q 4   a)   Write a C# Program to read a Text File and Write Data in a Text File.   8
      b)   Write Notes on   7
                i)   WPF
                ii)   WF

Q 5   a)   What is Disconnected ADO? Write a C# application to Connect to EMP   8
            table using Disconnected Manner. Write Insert, Update, Delete and
            Select operations for the table.
      b)   Explain use of Virtual and Override keyword with a suitable example in   7
            C#.

Q 6   a)   What is XAML? Explain significance of of XAML with a suitable example   8
            in modern Presentation technologies.
      b)   What are Validation Server Controls? Write a ASP.NET application to   7
            illustrate their use.

Q 7   a)   What is Ajax? Explain Significance of Ajax? Add a Note on UpdatePanel   8
            and ScriptManager control of Ajax.
      b)   Explain the difference between CrossPage and PostBack Posting with   7
            an example.

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