B. Sc. (I.T.) (Sem. VI) (Non CBCS) Examination

March / April – 2016

CS-30 : Programming with ASP.NET

Time : **3** Hours]   [Total Marks : **100**

1   Attempt any four :   **20**

    (1)   What is ASP.NET? Explain ASP.NET framework.

    (2)   List and Explain features of ASP.NET.

    (3)   List out types of ASP.NET controls. Explain any two controls of ASP.NET.

    (4)   Write a short note on Session State.

    (5)   Explain ASP.NET Page Structure in detail.

2   Attempt any four :   **20**

    (1)   Write a short note on ViewState.

    (2)   What is State Management? Difference between client side and server side state management in detail.

    (3)   What is XML? Write a program to write XML file.

    (4)   List out all the Validation Controls. Explain ValidationSummary in detail.

    (5)   What is SqlDataSource? List out properties and events of SqlDataSource.

3   Attempt any four :   **20**

    (1)   Explain stages of ASP.NET Page life cycle.

    (2)   What is Cookie? Explain types of cookies in ASP.NET.

    (3)   What is ADO.NET? Explain features of ADO.NET.

    (4)   Explain Gridview control with properties and events.

    (5)   Explain web.config file with it's structure.

4   Attempt any four :   **20**

      (1)   Write a short note on Application. State with example.

      (2)   Explain <customerror> element.

      (3)   What is Parameter? List all the ASP.NET parameters and explain any one in detail.

      (4)   What is Web Service? Explain fundamental elements of web service.

      (5)   Explain Command object with properties and methods.

5   Attempt any two :   **20**

      (1)   Write a program to display student detail (like Stud _No, Stud_Name, Marks) in Gridview control using SqlDataSource control. User can delete the record also.

      (2)   Write a program to insert Book detail (like BookNo, Name, Price, Author) in Book_Info table and display it in Gridview control.

      (3)   Write a program to upload image file using file upload control and save it in the image directory and display it in image control. (only .jpg, .jpeg or png extensions are allowed to upload otherwise error message will be displayed)