MAL-003-004601   Seat No. _____

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

March / April - 2018

CS - 30 : Programming with ASP.NET

Faculty Code : 003
Subject Code : 004601

Time : $2\frac{1}{2}$ Hours]   [Total Marks : 70

1   Answer the following :   20

(1)   What is CLR?

(2)   Define CLS and BCL.

(3)   What is web.config ?

(4)   _____ extension is used for global file.

(5)   What is IIS?

(6)   What is Namespace?

(7)   Full form of WSDL.

(8)   What is AutopostBack property ?

(9)   IDE stands for _____.

(10)   List out state management techniques.

(11)   Give the full form of ADO.

(12)   Differentiate ExecuteNonQuery and ExecuteReader.

(13)   What is Data Adapter Class ?

(14)   Which control is used to display advertisements on web page in asp.net ?

(15)   Which method do you invoke on Data Adapter control to load your generated dataset?

(16)   Give the fullform of XML.

(17)   Which of the following validation control is used to validate that two fields are equal ?

(18)   Give the full form of SOAP.

(19)   List out types of authentication mode in Asp.Net.

(20)   Which method of Dataset is used to read the data from XML File ?

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2 (A) Attempt any **Three** :   6
   (1) List out Asp.Net file types and explain any two in detail.
   (2) Give the steps of installation of IIS.
   (3) Define Web page and Web Browser.
   (4) What is validation? Explain client side and server side validation.
   (5) Explain Compare Validator and Regular Expression Validator.
   (6) Explain Session state.

(B) Attempt any **Three** :   9
   (1) Explain Asp.Net page structure.
   (2) Explain AdRotator control with example.
   (3) Explain calendar control with example.
   (4) Explain Data Adapter in detail.
   (5) Explain how to write and read dataset to and from XML.
   (6) Explain Net Framework.

(C) Attempt any **Two** :   10
   (1) Explain Authentication and Authorization.
   (2) Write a program to perform insert, update and delete operation on employee table and display data of employee table in grid view using connected architecture
       Table Name : Employee
       Fields :-
       Empid   int
       Empname   varchar(50)
       Address   varchar(50)
   (3) Write a short note on web service. Explain with example.
   (4) Write a program to perform insert, update and delete operation on student table and display data of student table in gridview using disconnected architecture
       Table Name : Student
       Fields :-
       Studid   int
       Studname   varchar(50)
       Address   varchar(50)
       City   varchar(50)
   (5) Explain Connected and Disconnected architecture.

3   (A)   Attempt any **Three** :   **6**

     (1)   Explain Textbox control with example.

     (2)   What is data binding? Explain types of data binding.

     (3)   What is Directive? Explain types of directives.

     (4)   Explain Multiview and view control.

     (5)   Explain custom error.

     (6)   Explain SOAP and UDDI.

    (B)   Attempt any **Three** :   **9**

     (1)   Explain Common Configuration settings.

     (2)   What is tracing? Explain types of tracing.

     (3)   Explain WSDL.

     (4)   Write a note on command object in Asp.Net.

     (5)   Explain radiobutton control with example.

     (6)   Explain data set class.

    (C)   Attempt any **Two** :   **10**

     (1)   Write a program to create secure login control with tablename : Login. It contain two fields Username (Varchar(50)), Password (Varchar(50)) using session variable.

     (2)   Explain DataTable, Data Row and Data Column in detail.

     (3)   Write a program which demonstrates use of treeview control.

     (4)   Explain different types of button control in detail.

     (5)   Explain Gridview control and its property with example.