MG-104

May-2022

B.C.A., Sem.-V

CC-301 : Web Applications Development-I Using C#

Time : 2 Hours]   **[Max. Marks : 50**

Instructions : (1) **All** questions in Section-**I** carry equal marks.

(2) Attempt any **TWO** questions in Section-**I**.

(3) Question **5** in Section-**II** is **COMPULSORY**.

SECTION-I

1. (A) Answer the following :   **10**

   (i) Explain the directory structure of Asp. Net.

   (ii) Describe the CLR execution model with its major features.

   (B) Write short note on :   **10**

   (i) Give the details of inline file and code-behind file.

   (ii) Describe about global.asax and Web. Config file.

2. (A) Explain different methods available to pass information from one webpage to another. Give a suitable example for each.   **10**

   (B) Write properties, methods and give an example of the following controls :   **10**

   (i) Dropdown control

   (ii) Checkbox List control

3. (A) Answer the following :   **10**

   (i) What are validation controls ?

   (ii) Explain in detail about all validation controls with suitable example.

   (B) Answer the following :   **10**

   (i) What is a MasterPage ? How to create masterpage in asp.net ?

   (ii) Mention how webpages can be included and navigated using masterpage in Asp.Net application.

4. (A) Answer the following question :   **10**
        (i)   Briefly describe about ADO.Net architecture with neat diagram.
        (ii) Write the objects, properties and methods of ADO.Net with its syntax.
    (B) Answer the following question :   **10**
        (i)   What are Data controls ? How many data controls are there in Asp.Net ?
        (ii) Explain in detail about any one data control with an example.

SECTION-II

5. Multiple Choice Questions :   **10**
    (1) Which object works as a bridge between dataset and data source ?
        (a) Connection (b) Command (c) DataAdapter (d) DataTable
    (2) Which namespace is used to connect ASP.NET page to SQL Server ?
        (a) System.Data.SqlServer   (b) System.Data.SqlClient
        (c) System.Data.Sql   (d) None of the above
    (3) Which control is used to keep set of controls into it ?
        (a) Group   (b) Panel
        (c) GroupBy   (d) None of the above
    (4) Which server control is used to display advertisements in Asp.Net webpage ?
        (a) Image   (b) ImageMap (c) Panel   (d) AdRotator
    (5) Which server control shows data in tabular format and allows sorting, paging, editing and deleting of records ?
        (a) ListBox   (b) GridView (c) Repeater   (d) ComboBox
    (6) Is it possible to execute a web application without web.Config file ?
        (a) Yes   (b) No
    (7) What is the type of authentication of Asp.Net ?
        (a) Windows   (b) Passport
        (c) Form   (d) All of the above
    (8) Write the full form of CTS ?
        (a) Common Type System   (b) Class Type System
        (c) Compile Type Systems   (d) None of the above
    (9) Which property used in hyperlink control to target the destination page ?
        (a) url   (b) NavigateURL (c) Target   (d) destination
    (10) ADO.Net stands for
        (a) ActiveX DataSet Object   (b) ActiveX Data Object
        (c) Access Data Object   (d) All Data Object

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