[21]

SARDAR PATEL UNIVERSITY
B.C.A. Semester-V
Examination November - 2022
US05CBCA21: Advanced Web Development Technology

Date: 10/11/2022, Thursday   Total Marks: 70
Time: 10:00 A.M. To 01:00 P.M.

Notes:
   1. Figure to the right indicate full marks of the questions.

Q:1   Multiple Choice Questions   **[10]**

[1]   The first event triggers in an aspx page is _____
   (A) Page_Init()   (B) Page_Load()
   (C) Page_Click()   (D) None of these

[2]   ASP.NET does not support _____ programming language.
   (A) VB.NET   (B) COBOL
   (C) C#   (D) None of these

[3]   To make multiline textbox _____ property is used.
   (A) Wrap   (B) TextMode
   (C) MultiText   (D) None of these

[4]   _____ is the Single Selection Control in ASP.NET IDE.
   (A) SelectList   (B) DataList
   (C) DropDownList   (D) None of these

[5]   _____Control is used when to add controls at runtime into web page.
   (A) Button   (B) AdRotator
   (C) PlaceHolder   (D) None of these

[6]   Where do we store connection string in ASP.NET?
   (A) Machine.cofig   (B) Web.config
   (C) App.config   (D) None of these

[7]   Which of the following ASP.NET object encapsulates the state of the client?
   (A) Session object   (B) Application Object
   (C) Response object   (D) None of these

[8]   Which is the file extension used for a Global file?
   (A) .asm   (B) .aspx
   (C) .asax   (D) None of these

[9]   What is the major component of connected architecture?
   (A) DataReader   (B) DataSet
   (C) DataAdapter   (D) None of these

[10]   Dataset changes are saved to the database using _____method.
   (A) Save   (B) Update
   (C) Fill   (D) None of these

P.T.O

Q-2   Answer the Following. (Attempt Any Ten)   [20]

[1]   Write differences between Server-side code and Client-side code.

[2]   What is the use of Web.config file?

[3]   What is role of IIS?

[4]   Differentiate between RadioButton control and CheckBox control.

[5]   How to Add and Remove items into List Box?

[6]   Explain the use of Calender control in brief.

[7]   Explain Login Control of ASP.NET in brief.

[8]   Write differences between Session and Application.

[9]   List out various properties of Menu control and explain any one of them.

[10]   What is connection string?

[11]   Write differences between DataSet and DataReader.

[12]   What is the use of the Connection object?

Q:3   [A]   What is ASP.NET? List and explain advantages of ASP.NET.   [10]

OR

[B]   What is .NET? Explain .NET Framework with neat Diagram.   [10]

Q:4   [A]   Write a note on Master Page in ASP.NET.   [05]

[B]   Explain following Rich controls of ASP.NET.   [05]
   (I) AdRotator
   (II) FileUpload

OR

[A]   Explain any two standard controls of ASP.NET with example.   [05]

[B]   Explain following ASP.NET validation controls.   [05]
   (I) RequiredFieldValidator control
   (II) CompareValidator control

Q-5   [A]   What is ViewState? Explain ViewState with example.   [05]

[B]   Explain SiteMapPath control in detail with example.   [05]

OR

[A]   What is Cookies? Explain Cookies in detail with example.   [05]

[B]   Explain Cross-Page Posting in detail.   [05]

Q-6   [A]   Explain the connected architecture of ADO.NET in brief.   [05]

[B]   What are the four common SQL commands used to retrieve and modify data in a SQL Database? Explain any two of them.   [05]

OR

[A]   What is Grid View? Explain use of GridView control.   [05]

[B]   Explain use of ExecuteReader() and ExecuterScalar() methods in detail.   [05]

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