SARDAR PATEL UNIVERSITY
B.C.A – Vth SEMESTER (CBCS) (On-Demand)
DATE: 06/07/2022, Wednesday
TIME: 10:00 P.M TO 12:00 P.M
US05CBCA21: Advanced Web Development Technology

Maximum Marks: 70

Q:1　　**Multiple choice questions.**　　　　　　　　　　　　　　　　　[10]

1. ASP.NET pages can be ___.
   a) Only single-file　b) Only two-file　c) Single-file or two- file　d) None

2. What is the base class from which all Web forms inherit?
   a)Master Page　b)Page class　c)Session Class　d)None

3. File extension used for ASP.NET files _____.
   a) .Web　b) .ASP　c) .ASPX　d) None of the above

4. To make multiline textbox,_____property is used.
   a). Wrap　b). Text Mode　c) Text　d). Multiline

5. Which event is activated when a Checkbox is selected?
   a) CheckedChanged　b) Selected　c) Checked　d) Selected Changed

6. Which client-side technique can be disabled by the end-user?
   a) Cookies　b) Query String　c) Viewstate　d) Both a and b

7. How many RadioButtons in a Group Box can be selected at the same time?
   a) 0　b) 1　c) More than 1　d) None of these

8. _____method is used to populate DataSet
   a). Populate　b) Fill　c) Open　d) Store

9. If we are not returning any records from the database which method is used?
   a) ExecuteReader　　　b) ExecuteScaler
   c) ExecuteXmlReader　　d) ExecuteNonQuery

10. Sorting supports_____order.
    a) Ascending　b) Descending　c) Both　d) None of these

Q:2　　**Fill in the Blanks.**　　　　　　　　　　　　　　　　　　　[08]

1. CLS stands for _____.

2. _____control is used to navigate from one page to another page.

3. _____client-side technique is specific to ASP.NET.

4. Dataset changes are saved to the database using _____method.

5. The first event triggers in an aspx page is page_init(). **[True/False]**

6. Button control is used when to add controls at runtime into web page. **[True/False]**

7. We can manage states in asp.net application using database. **[True/False]**

8. Command object provide connection to the database. **[True/False]**

Q:3   Answer the following questions. (Any ten)   [20]

1. List data types provided by C#.

2. List the stages of ASP.NET life cycle.

3. What are the Web Form Events available in ASP.NET?

4. How to add and remove nodes into TreeView?

5. Differentiate between Hyperlink and Link Button

6. List out various properties of Menu control

7. List Login Controls used in ASP.NET.

8. Define View State.

9. List Basic Application events used in Global.asax.

10. What is connection string? Explain in brief.

11. Which properties are used to bind a GridView control?

12. Explain the use of server explorer in data access in .net.

Q:4   Answer the following questions. (Any Four)   [32]

1. Explain .NET Framework in detail.

2. What is ASP.NET? Explain advantages of ASP.NET.

3. Write a note on Master Page in ASP.NET.

4. Explain following Navigation controls with its properties.
    TreeView, SiteMapPath, Menu

5. What is Cookies? Explain in detail with Example.

6. Explain following controls.

        a) RangeValidator control

        b) ValidationSummary control

7. Explain use of "ExecuteScaler" , "ExecuteNonQuery" in detail.

8. Describe the disconnected architecture of ADO.NET's data access model.

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