2011000105050001
B.C.A. T.Y (Sem – V)
Examination November-2023
ASP.NET

Seat No:

[Time: Three Hours]   **[Max. marks: 70]**

Instructions: (1) All questions are compulsory.
                      (2) Figures to the right indicate full marks.
                      (3) Mention your options clearly.

Student's Signature

Q.1   Select appropriate option   10

1. What is ASP.NET?
    a. A programming language   b. A web application framework
    c. A database management system   d. An operating system

2. What is the purpose of the web.config file in an ASP.NET application?
    a. To store application settings and configuration information
    b. To store user data
    c. To store web page content
    d. To store server logs

3. What is the purpose of the Global.asax file in an ASP.NET application?
    a. To store application settings and configuration information
    b. To store user data
    c. To store web page content
    d. To handle application-level events

4. The event raise first when the user requests a web page.
    a. Init   b. Load   c. PreInit   d. PreLoad

5. What is the purpose of the App_Code folder in an ASP.NET application?
    a. To store application settings and configuration information
    b. To store user data
    c. To store web page content
    d. To store code files for the application

6. The following is NOT a type of validation control in ASP.NET?
    a. RequiredFieldValidator   b. RangeValidator
    c. RegularExpressionValidator   d. CheckBoxList

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7. What is the purpose of the Master Page in ASP.NET?
   a. To provide a template for the layout of a website
   b. To handle user authentication and authorization
   c. To store application settings and configuration information
   d. To store user data

8. The attribute must be set on a validator control for the validation to work
   a. ControlToValidate   b. ControlToBind
   c. ValidateControl   d. validate

9. What is the extension of an User control page?
   a. .ascx   b. .aspx
   c. .asax   d. .html

10. The method which returns no. of rows effected in database.
    a. ExecuteReader()   b. ExecuteScalar()
    c. ExecuteNonQuery()   d. None

Q.2   Answer the Following   **15**
a. Explain Asp.Net page life cycle in detail.
b. Explain Request object.
c. What do you mean by Developer Productivity in ASP.NET? Explain in detail.

<div align="center">OR</div>

a. Explain Response object.
b. Explain Web.Config File.
c. Explain Image, ImageButton and ImageMap in detail.

Q.3   Answer the following   **15**
a. What are the advantages of Validator control? Explain pattern matching validator control
   in detail..
b. What is master page? Explain Master page in detail.
c. Explain Structure Exception Handling.

<div align="center">OR</div>

a. What is SITEMAPPATH? Explain SITEMAPPATH in detail.
b. What is CSS? Discuss how CSS is more powerful than HTML
c. What is theme? Explain various way to apply theme.

Q.4   Answer the following   **15**

a. Difference between Transfer and Redirect Methods.

b. What are Web services? Write steps to apply Web Services.

c. Explain FileUpload control with example.

<div align="center">OR</div>

a. Write a note on user profile.

b. Explain global.asax file in detail.

c. List out state management techniques. Explain QueryString in detail.

Q.5   Answer the following (Any Three)   **15**

a. Explain session in detail.

b. List validation controls and Explain range validator in detail.

c. Write a note on ADO.NET architecture.

d. Consider a table having fields employee (empid,name, age, gender).
   Write a code to perform insert and view operation.