

OCT_NOV_2024 WINTER EXAMINATION**Bachelor of Computer Application(BCA) NEP 2.0****Sub. Name: Dot NET Technology****Sub. Code: 108796/96644****Day and Date: NOVEMBER ,28-11-2024****Total Marks: 80****Time: 10:30 AM To 01:30 PM****Instructions: 1. Figures to the right indicate full marks****Special Inst.: i) Que 1 and Que 8 are compulsory
ii) Solve any three from Que 2 to Que 7****Q1) Solve following MCQ.****[12]**

- i. What is the extension of the ASP.net page?
A. .asp
B. .aspx
C. .asx
D. .apx
- ii. CLR stands for ...
A. Common language rule
B. Common Layout Rule
C. Common Language Runtime
D. Common Low Runtime
- iii. In _____ page processing transfers from one page to the other page without making a round-trip back to the clients browser.
A. Response.Redirect
B. Server.Redirect
C. Client.Transfer
D. Server.Transfer
- iv. Webforms are made up using?
A. ASPX file
B. Code behind file (.CS, .vb)
C. Both A & B
D. None of these
- v. From following, which is navigation control?
A. SiteMapPath
B. Menu
C. TreeView
D. All of above

- vi. Which of the following attribute must be set on a validator control for the validation?
- ☒ A. ControlToValidate
 - B. ValidateControl
 - C. ValidateToBind
 - D. ValidateBind
- vii. Which of the following programming language can be used with ASP.net?
- A. C#.net
 - B. Vb.net
 - ☒ C. Both
 - D. None of Above
- viii. What namespace is used for asp.net web form by default?
- A. System.Web.Form
 - ☒ B. System.Web.UI.Page
 - C. System.Web.GUI.Page
 - D. System.Web.UI.Form
- ix. What is the role of the Global.aspx file in Asp.net applications?
- ☒ A. To store application-level events and settings
 - B. To define CSS styles
 - C. To handle database connections
 - ~~D. To manage user authentication~~
- x. Which of the following is an ASP.net server control?
- A. <div>
 - ☒ B. asp:Button
 - C. <header>
 - D. <input>
- xi. What is the purpose of the web.config file in ASP.net?
- A. To configure server settings
 - B. To configure application settings
 - C. To define user roles
 - ☒ D. All of Above
- xii. Which event occurs first in the web forms life cycle?
- A. Page_Load
 - ☒ B. Page_Init
 - C. Page_Unload
 - D. Page_Render

Q2) What is Validation control? Explain with example various validation controls used in [16]
ASP.net

- Q3) [16]
- a. Explain different types of JIT. [8]
 - b. Discuss different valid forms of Main. [8]
- Q4) What is server control? Explain with example various asp.net server controls. [16]
- Q5) [16]
- a. Discuss Boxing and Unboxing with example. [8]
 - b. Describe architecture of .net framework with diagram. [8]
- Q6) [16]
- a. Discuss call by value and call by reference with example. [8]
 - b. Differentiate between .dll and .exe [8]
- Q7) [16]
- a. Explain in detail different ado.net classes. [8]
 - b. Describe cross page posting. [8]
- Q8) Write short note (Any 4) [20]
- a. Navigation controls [5]
 - b. Differentiate between Response.redirect and Server.Transfer [5]
 - c. Features of .net [5]
 - d. Web form life cycle [5]
 - e. Managed & unmanaged code [5]
 - f. Connected and disconnected architecture [5]

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