

B.C.A Semester - 5 (NEP-2020) Examination**Oct/Nov - 2025****Web Development Using ASP.NET (Major-13)****Time: 2:00 Hours****Marks:50****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1 Answer the following questions. (Any Two) (10)
- 1) Write a note on ASP.NET Framework.
 - 2) What is Validation? Explain RequiredField Validator Control and Custom Validator control with example.
 - 3) Explain Client Server Architecture.
 - 4) Explain ASP.NET Life cycle.
- Que.2 Answer the following questions. (Any Two) (10)
- 1) Differentiate: Client-Side State Management vs. Server-Side State Management.
 - 2) What is Bootstrap? Explain its use in website.
 - 3) What is Master Page? Write detail note on Master page.
 - 4) What is State? Explain Various State Management Techniques.
- Que.3 Answer the following questions. (Any Two) (10)
- 1) Explain DisConnected Architecture.
 - 2) Explain Connected Architecture.
 - 3) Explain GridView Control and Repeater Control with example.
 - 4) What is Data Binding? Explain in Details.
- Que.4 Answer the following questions. (Any Two) (10)
- 1) What is Tracing? Explain different Types of Tracing in ASP.NET.
 - 2) Write a note on custom error handling in ASP.NET.
 - 3) Explain the difference between Authorization and Authentication.
 - 4) What is Caching? Explain Partial Page Caching.
- Que.5 Answer the following questions. (Any Two) (10)
- 1) Explain ImageMap and File Upload Control in Asp.net.
 - 2) Explain Application State and QueryString in detail.
 - 3) Explain DataAdapter And DataView in detail.
 - 4) What is a Web Service? Explain UDDI and XML.
