

B.C.A Semester - 5 (Remedial) (NEP-2020) Examination**March/April-2026****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 Out of Four) (10)
- (1) Explain types of files in ASP.NET.
 - (2) Explain Image Map control with its properties.
 - (3) Explain ASP.NET Life Cycle.
 - (4) Explain Client-Side Validation and Server-Side Validation.
- Que.2 Answer the following questions (Any Two Out of Four) (10)
- (1) Difference between Cookies and Session.
 - (2) Explain Application State with Example.
 - (3) Explain Query String with Example.
 - (4) Explain CSS3 and Bootstrap.
- Que.3 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain Repeater Control with suitable Example.
 - (2) Explain Connection Class, Command Class and Data Adapter Class.
 - (3) Explain Connected V/S Disconnected Architecture.
 - (4) Explain Architecture of ADO.NET.
- Que.4 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain Partial Page Caching and Data Caching.
 - (2) Difference between authorization and authentication.
 - (3) Explain various types of Webservices in ASP.NET.
 - (4) Write a program to read the data from XML.
- Que.5 Answer the following questions (Any Two Out of Four) (10)
- (1) Explain any three validator with example.
 - (2) Explain Client-Side State Management and Server-Side State Management.
 - (3) Explain Grid View Control with suitable Example.
 - (4) Write Down step to Deployment of Application in web server.
