

B.Sc.(IT) Semester - 5 (CBCS) Examination**Oct/Nov - 2025 (NEW COURSE)****Programming with ASP.NET(Core)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Que. 1 (A) Attempt the following. (03)
- 1) IIS stands for _____
 - 2) CLR stands for _____
 - 3) _____ control is used to display a sequence of advertisements on a web page.
- Que. 1 (B) Attempt the following (Any two) (06)
- 1) Explain ASP.NET life cycle.
 - 2) Explain types of files in ASP.NET.
 - 3) Write applications of web server.
 - 4) Explain wizard control with example.
- Que. 1 (C) Attempt the following. (Any one) (05)
- 1) What is validation? Explain any one server-side validation control.
 - 2) Explain client-server architecture.
- Que. 2 (A) Attempt the following. (03)
- 1) AJAX stands for _____
 - 2) _____ is a small piece of text information stored on the client machine.
 - 3) Session state is a server-side state management technique. (True/False)
- Que. 2 (B) Attempt the following. (Any two) (06)
- 1) Explain AJAX Timer control with example.
 - 2) What is state? Why it is required in ASP.NET?
 - 3) Explain Query String with example.
 - 4) Explain View State with example.
- Que. 2 (C) Attempt the following. (Any one) (05)
- 1) What is server-side state management? Explain any one technique of it.
 - 2) Explain cookies with example
- Que. 3 (A) Attempt the following. (03)
- 1) ADO stands for _____
 - 2) The Dataset object used in connected architecture. (True/False)
 - 3) _____ object is used as a stream-base, forward only, read only retrieval of data.
- Que. 3 (B) Attempt the following. (Any two) (06)
- 1) Differentiate connected architecture v/s disconnected architecture.
 - 2) Explain DataAdapter class with example.
 - 3) Explain GridView control.
 - 4) Write a note on .NET data provider.

- Que. 3 (C) Attempt the following. (Any one) (05)
- 1) Explain ADO.NET architecture.
 - 2) Write a code to insert data into student table (id, sname, course) in SQL server using connected architecture.
- Que. 4 (A) Attempt the following. (03)
- 1) What is the extension of master page file in ASP.NET?
 - 2) CSS stands for _____
 - 3) What is the extension of skin file in ASP.NET?
- Que. 4 (B) Attempt the following. (Any two) (06)
- 1) Explain CSS3.
 - 2) Explain page output caching.
 - 3) Explain partial page caching.
 - 4) Write a note on theme in ASP.NET.
- Que. 4 (C) Attempt the following. (Any one) (05)
- 1) What is master page? Why it is required in ASP.NET application?
 - 2) Explain Data caching.
- Que. 5 (A) Attempt the following. (03)
- 1) XML stands for _____
 - 2) SOAP stands for _____
 - 3) UDDI stands for _____
- Que. 5 (B) Attempt the following. (Any two) (06)
- 1) Write a code to read datasets from XML.
 - 2) Write a note on web.config file in ASP.NET.
 - 3) Write steps to deployment of application in web server.
 - 4) Explain custom errors with example.
- Que. 5 (C) Attempt the following. (Any one) (05)
- 1) What are the differences between authorization and authentication?
 - 2) Explain tracing in ASP.NET.
