

Dr. Babasaheb Ambedkar Open University
Term End Examination February – 2026

Course	: BCAR	Date	: 19-Feb-26
Subject Code	: BCAR-504	Time	: 11:30am to 01:45pm
Subject Name	: Internet Programming (ASP.NET Using C#)	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three)

(30)

1. Explain Validation Controls in detail with suitable example of it.
2. Explain the execution process of CLR.
3. Explain various states and variables of ASP.NET in detail.
4. Explain Login Control and Forgotten Password Control in detail.
5. What is ADO.NET?

Section B

Answer the following (Attempt any four)

(20)

1. Explain ASP.NET directives with suitable examples
2. What is database system? What are the key constraints in it
3. How do we create and test the ASP.NET Pages?
4. Explain Data Binding in ASP.NET (Two-Way).
5. Explain the working of Login View and Login Name controls in detail.
6. Explain Authorization and Authentication in ASP.NET.

Section C

Part – A (Multiple Choice Questions)

(10)

- 1 .NET framework has two main components Common Language Runtime and _____.
A Framework Class Library B Garbage Collector
C Frameset Class Library D None of these
- 2 _____ offers the classes or types that the applications want at run time.
A CLR B Base Class Library
C Debug Engine D All of these
- 3 WURFL stands for _____.
A Wi-Fi Union Resource File B Wireless Universal Resource File
Location Locator
C Wide Universal Reallocation File D None of these
Locator
- 4 The operator that makes decisions in C# is denoted by the question mark (?), also known as _____.
A Question Mark Operator B Switch Operator
C Ternary Operator D All of these

- 5 ASP.NET includes the _____ objects.
- A Request, Response, Server, Application, and Session B Rotator, Request, Server, Session and Application
- C Represent, Request, Security, Severe and Application D All of these
- 6 Any piece of code included inside the assembly in which the type or member was defined, or from within a derived class contained within an entirely different assembly, is able to access it.
- A Private Protected B Public External
- C Protected Internal D None of the above
- 7 Event handlers written in ASP.NET accept _____.
- A One argument and return two values B Two arguments and do not return anything
- C Many arguments and return many values D None of the above
- 8 _____ allows access to various pieces of information regarding a drive.
- A Directory Class B DriveInfo Class
- C DiscInfo Class D All of these
- 9 A class is given to a page with the _____ directive in order to ensure that the page is firmly typed.
- A MasterPage B NextPageType
- C PreviousPageType D All of the above
- 10 _____ refers to a master page that specifies a web application's page layout.
- A .mdf B .master
- C .aspx D .dll

Part – B (Do as Directed)

(10)

- 1 Explain JIT Compiler.
- 2 Explain Integration Testing.
- 3 Explain Access Modifiers.
- 4 Explain CRUD operations.
- 5 Explain Connection String.
- 6 Explain Parent Node.
- 7 Explain Master Pages.
- 8 Explain BoundField.
- 9 Explain Themes.
- 10 Explain Polymorphism.
