



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Computer Applications (Semester -VI) Internal Examination - 2026
US06MABCA02 : Advanced Web Development Technology

Date: 07/03/2026, Saturday
Time: 10:45am TO 12:15pm

Total marks :30

Q:1 Multiple Choice Questions:

[06]

1. .NET Framework consists of which two main components?
A) JVM and JRE
B) CLR and FCL
C) HTML and CSS
D) ASP and JSP
2. Which file is used for application configuration settings?
A) App_data
B) Bin
C) Web.config
D) Style.css
3. Which control acts as a container for other controls?
A) HyperLink
B) Panel
C) TextBox
D) ListBox
4. Which state is unique for each user visiting the website?
A) Application State
B) Session State
C) ViewState
D) Cookies
5. CompareValidator is used to:
A) Compare two controls
B) Check format
C) Block browser access
D) Display validation summary
6. Which ADO.NET object retrieves read-only, forward-only data?
A) DataSet
B) DataAdapter
C) DataReader
D) CommandBuilder



Q:2 Explain the architecture of the .NET Framework with a neat diagram.

[06]

OR

Write a detailed note on the Global.asax file and Web.config file.

Q:3 Describe the Rich Controls in ASP.NET.

[06]

OR

Explain the concept of Master Pages in ASP.NET.

Q:4 Explain ViewState in ASP.NET with example.

[06]

OR

Explain QueryString with suitable examples.

Q:5 Explain ADO.NET connected architecture in detail.

[06]

OR

Describe the key objects of ADO.NET: Connection, Command, DataReader, DataAdapter.



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Bachelor of Computer Applications (Semester VI) Quiz - 2026
US06MABCA02 : Advanced Web Development Technology

Date: 07/03/2026 Day: Saturday

Time: Maximum 20 minutes

Total marks :15



Q-1 Fill in the blanks with appropriate.

[08]

- (i) CLR in .NET is responsible for_____.
- (ii) IIS stands for_____.
- (iii) _____control is used to allow a single selection among multiple options.
- (iv) AdRotator control requires_____external file.
- (v) _____state is common to all users of the application.
- (vi) The RangeValidator control is used to check_____.
- (vii) ADO.NET architecture consists of_____two models.
- (viii) _____object executes SQL queries or stored procedures.

Q-2 Whether the following statement is true or false. Write your answer in the box

[07]

- (i) ASP.NET is a Server-side technology. []
- (ii) Web Forms in ASP.NET have extension .cs. []
- (iii) DropDownList supports Single selection. []
- (iv) The Placeholder control Has visible borders. []
- (v) RequiredFieldValidator control ensures that the field is not left blank. []
- (vi) LoginName control shows the currently logged-in user's username. []
- (vii) DataAdapter object acts as a bridge between DataSet and the database. []