

COA 501

Reg.No.

CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION
OCTOBER 2012

B.C.A

WEB PROGRAMMING USING ASP.NET

Time: 3 Hrs

Max. Marks: 120

PART – A

Note: Answer any 15 questions from the following:
15x2=30

1. a) Mention two benefits of ASP.NET.
b) Explain the use of focus() method of text box.
c) What is a theme?
d) What is the use of AutoComplete type attribute in a text box?
e) What is code model?
f) Mention the use of HyperlinkServer control.
g) State the use of RequiredFieldValidator control.
h) Mention two features of Navigation control.
i) What are the two categories of menu in a Menu Control?
j) Mention any two properties of SiteMapPath Control.
k) List the different templates supported by LoginView Control.
l) Explain any two methods of GridView Control.
m) SQL stands for
- n) Explain any two functions of Master Page.
o) State the use of RegularExpressionValidator Control.
p) List any four Webpart controls.
q) Why is an Application state used?
r) List any two Datasource controls.

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2. a. Explain the various methods of storing state information at the client end.
b. Differentiate between a LiteralServer Control and Label Control.
c. Write suitable examples and explain the use of the following server controls
(i) The RadioButtonList server control
(ii) The checkBoxList server control (6+4+5)
3. a. Explain the concepts around which the structure of an ASP.NET web application revolves.
b. Write note on Application directory structure.
c. Explain the following
(i) The Literal Server Control

(ii) The ListBoxServer Control
(6+4+5)

4. a. Differentiate between PostBacks and CrossPage hosting with suitable examples.
b. Write a note on application directory structure.
c. Explain briefly the application domain. **(6+4+5)**

UNIT – II

5. a. Explain any three login controls.
b. Explain the use of AdRotator server control.
c. Briefly explain any 5 CustomValidator Control properties.
(6+4+5)

6. a. Explain properties of (i) CompareValidator control
(ii) RangeValidator control.
b. Explain the use of Password Recovery control.
c. Write a note on Menu Control.
(6+4+5)

7. a. Explain briefly any three public events in LoginStatus Control.
b. Explain the different membership services to be set for retrieving the password in a PasswordRecovery control.
c. Explain any 5 embedded codes that can be used in the validation expression property of a RegularExpressionValidator control. **(6+4+5)**

UNIT – III

8. a. Write any six functions of WebPartManager control.
b. Explain the different templates offered by the Data List.
c. Write a note on the following (a) Proxy Web Part Manager.
(b) Layout Editor Part
(6+4+5)

9. a. Briefly explain the following:
(i) WebPartZone (ii) Appearance Editor Part
b. Explain the steps involved in accessing data with Server Explorer.
c. Write a note on (i) PageCatalogue Part (ii) EditorZone
(6+4+5)

10. a. Explain the disconnected data architecture in .Net framework.
b. Explain any two types of Master pages that can be created in a web application.
c. Write a note on the following:
(i) Appearance Editor Part (ii) Import Catalog Part **(6+4+5)**

CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION

OCTOBER 2013

B.C.A

WEB PROGRAMMING USING ASP.NET

Time: 3 Hrs

Max. Marks: 120

PART – A

1. Answer any 15 questions from the following: 15x2=30

- a. What is compilation model?
- b. Write any two goals of ASP.NET.
- c. What is inline coding model?
- d. Compare and contrast the ListBoxServer control and DropDownList control.
- e. Why an Application State is used?
- f. What is the use of CheckBoxListServer control?
- g. What is the use of Panel Server control?
- h. Write the different templates supported by LoginView Control.
- i. Explain any two properties of a Password Recovery Control.
- j. List the type of nodes in a TreeView control.
- k. What is the use of Regular Expression Validater Control?
- l. List any four WebPart Controls.
- m. What are Databases?
- n. Define master page.
- o. List any four properties of a DataList Control.
- p. What is the use of AutoComplete type attribute in a text box?
- q. What is a theme?
- r. Mention the use of HyperLinkServer Control.

PART – B

Answer any TWO questions from each unit:

UNIT – I

2. a. Explain any five benefits of ASP.NET.

- b. Write a note on Code Sharing.
- c. Explain the various methods of storing state information on the WebServer. (5+4+6)

- 3. a. Explain the constituents of ASP.NET application.
- b. Explain Application Domain.
- c. With suitable example explain.
 - i) ImageServer Control
 - ii) TableServer Control (6+4+5)

- 4. a. Explain any six inbuilt directories for web applications.
- b. Write a note on global.asax Applical file.
- c. Write a note on the Application life time. (6+5+4)

UNIT – II

- 5. a. Explain any four date formats to output from the calendar control.
- b. Explain the steps involved in creating an user account in ASP.NE.
- c. Explain any five properties of a BoxValidater Class. (4+6+5)

- 6. a. Explain any three public events in LoginStatus Control.
- b. Write a note on Menu Control.
- c. Explain the use of AdratatorServer Control. (6+5+4)

- 7. a. Explain how is it possible to retrieve a range of dates from a selection in a Calendar Control.
- b. Explain Login Control and LoginName Control.
- c. Explain the properties that have to be set for a RangeValidater Control.(6+5+4)

UNIT – III

- 8. a. Write a note on DataAdapters and DataSets.
- b. Explain the different types of themes.
- c. Explain any five events of a GridView Control. (6+4+5)

- 9. a. Explain any six functions of WebPartManager Control.
- b. Explain any two types of masterpages that can be created in a web application.
- c. Write a note on i) PageCatalogPart ii) Editor Zone (6+4+5)

- 10. a. Explain the disconnected data architecture in .NET frame work.
- b. Explain any two Data Source Controls.
- c. Explain any three methods of SQLDataSource Control. (6+6+3)

COA 501

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CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION

OCTOBER 2014

B.C.A

WEB PROGRAMMING USING ASP.NET

Time: 3 Hrs

Max. Marks: 120

PART – A

1. Answer any 15 questions from the following: 15x2=30

- a. Write any two features of Visual Web Developer 2005.
- b. What is the use of an Application State?
- c. What are Server controls? Name any two Server Controls.
- d. What is the use of Hyperlink Server Control?
- e. Name any two circumstances an application domain might require a restart.
- f. Write any two features of navigation control.
- g. Differentiate between RadioButton Server Control and RadioButtonList Server Control.
- h. What is the use of a proxy web part Manager.
- i. List any four WebPart controls.
- j. What are the two categories of Menu in a Menu Control?
- k. Write any two methods of DetailsView control. Also specify their purpose.
- l. What are DataAdapters?
- m. Explain any two properties of a PasswordRecovery control.
- n. What is the use of CustomValidator Control?
- o. Write any two differences between CollapseImageToolTip and CollapseImageUrl with regard to properties of a TreeView Control.
- p. What do you mean by Cross-page Posting?
- q. Write any two public properties of SiteMapPath Control.
- r. What are Master Pages in web applications?

PART – B

Answer any TWO questions from each unit:

UNIT – I

2. a. Explain any five benefits of ASP.NET.
b. Explain the various methods of storing state information on the WebServer.
c. Explain the two types of coding models used for writing code in web applications. **(5+6+4)**
3. a. Explain the different compilation models that can be used to compile an application using ASP.NET.
b. Explain the application directory structure.
c. Explain the following:
 i) The View State ii) Literal Server Control **(6+5+4)**
4. a. Write a note on global.asax Application file.
b. How is code sharing implemented in ASP.NET?
c. Explain any five inbuilt directories for web applications. **(4+6+5)**

UNIT – II

5. a. Explain the steps involved in creating an user account in ASP.NET.
b. Explain the use of AdRotator Server Control.
c. Explain any four embedded codes that can be used in ValidationExpression property of a RegularExpression Validator Control. **(6+5+4)**
6. a. Write a note on BaseValidator Class.
b. Explain any three login controls.
c. Write the usage of the following:
 i) PanelServer Control ii) TreeView Control
 iii) PasswordRecovery Control iv) Menu Control **(5+6+4)**
7. a. What are Validators? Explain the different validator controls used in ASP.NET.
b. Explain the different public methods and public events used for login name control.
c. Explain any four dateformats to output from the Calendar control. **(6+5+4)**

UNIT – III

8. a. Explain the Disconnected Data Architecture in .Net framework.
b. Explain any four methods of GridView Control.
c. Explain the different templates used to display data in DataList Control using customized formats. **(6+6+3)**

9. a. Explain any six properties of SqlDataSource Control.
 b. Explain the different types of themes.
 c. Explain the following:
 i) Proxy WebPart Manager ii) Import CatalogPart **(6+5+4)**
10. a. Explain the steps involved in accessing data with Server Explorer.
 b. Explain any two types of Master pages that can be created in Web application.
 c. Explain any four functions of WebPartManager Control. **(6+5+4)**

COA 501 **Reg.No.**
CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION OCTOBER 2015
B.C.A
WEB PROGRAMMING USING ASP.NET

Time: 3 Hrs

Max. Marks: 105

PART – A

1. **Answer any 15 questions from the following:** **15x1=15**
- a. What is meant by code sharing?
 - b. Name any 2 circumstances where an application domain might require a restart.
 - c. How can you give hot key functionality to a label server control?
 - d. What are cookies?
 - e. What is the use of literal server control?
 - f. Write the code for producing a calendar on a web page in its simplest form.
 - g. What is the use of panel service control?
 - h. List any 2 public properties of SiteMapPath control.
 - i. Explain any 2 templates supported by LoginView control.
 - j. State the use of RequiredFieldValidator control.
 - k. When is Repeater control used?
 - l. List any 2 functions of WebPartManager Control.
 - m. What is the use of CatalogZone Control?
 - n. What is a theme? What is the extension name of theme file?
 - o. Differentiate Normal and Deployment Pre Compilation.
 - p. What is the use of AutoCompleteType attribute of a text box?

- q. List the different types of nodes in a Treeview Control.
- r. What is the use of a Hyperlink Server Control?

PART – B

Answer any TWO questions from each unit:

UNIT – I

- 2. a. List the features of Visual Web Developer 2005.
b. Explain Application domain.
c. Explain the various inbuilt directories for web application.
d. List the various methods corresponding to the events that occur in the global.asax file. Also specify them in the order of invoking. (3+3+4+5)
- 3. a. Give any 5 benefits of ASP.NET.
b. Explain Application State and View State.
c. Differentiate between PostBacks and Cross Page posting with the help of an example. (5+4+6)
- 4. a. Compare and contrast ListBox Server Control and DropDownList Control.
b. Explain any 5 common properties that server controls share.
c. Explain the following: i) CheckBoxList Server Control
ii) ImageServer Control
iii) Table Server Control
d. Write a short note on code behind model. (2+5+6+2)

UNIT – II

- 5. a. Explain any 5 date formats to output from the calendar control.
b. With suitable example explain how to change the style and behavior of calendar control.
c. Explain the various templates used for customizing the appearance of SiteMapPath control.
d. What are the features of Navigation Control? Explain. (5+3+4+3)
- 6. a. Explain the use of an AdRotator Server Control.
b. What are the 2 categories of Menu Control?
c. Describe the various public properties of TreeView control.
d. Explain any 2 methods and events of LoginName Control. (4+2+5+4)
- 7. a. Explain the various membership services that have to be set for retrieving the password in Password Recovery Control.
b. Explain any 5 properties of BaseValidator Control.
c. Explain Rangevalidator and CompareValidator Control.

- d. Write a note on RegularExpressionValidator Control. (3+5+4+3)

UNIT – III

8. a. Write a note on ProxyWebPartManager and webPartZone Controls.
b. Why are master pages needed in a Web Application? Explain.
c. Explain the controls that are used together with the CatalogZoneControl. (6+3+6)
9. a. Explain 2 types of Master Pages that can be created in Web application.
b. Explain the various options offered by AppearanceEditorPart Control.
c. How can themes be applied on controls at runtime? Explain.
d. Explain Disconnected data architecture in – NET frame work. (4+3+4+4)
10. a. Write a note on Data Adapters and Data Sets.
b. Explain any three properties of each:
i) Data display Control ii) Grid View Control
c. Explain i) Connection string and Databind of SqlDataSource.
ii) GetXMLDocument and ToString of XMLDataSource
iii) Cellpadding of DetailsView Control. (4+6+5)

CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION

OCTOBER 2016

B.C.A

WEB PROGRAMMING WITH ASP.NET

Time: 3 Hrs.

Max. Marks: 120

PART – A

1. Answer any FIFTEEN questions from the following: 15×2=30
- a. Write any two benefits of ASP.NET.
 - b. What is code sharing?
 - c. What is the use of focus() method of text box?
 - d. List the order in which the main page events are initiated.
 - e. Mention any four inbuilt directories for web applications.
 - f. What do you mean by PostBacks?
 - g. What is the use of RequiredFieldValidator control?
 - h. List any four validation controls.
 - i. Name any two features of navigation controls.
 - j. Write the four templates involved in customizing the appearance of SiteMap Control.
 - k. List the different templates supported by LoginView Control.
 - l. What are the two views of a menu control?
 - m. What is the use of DataList Control?
 - n. List any four options provided by the BehaviorEditorPart.
 - o. What are the different types of themes?
 - p. List any four properties of DataDisplay Control.
 - q. What are the major components of ADO.NET?
 - r. List the important DataSource Controls.

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2.
 - a. Explain any three goals of ASP.NET.
 - b. Explain the Application Directory Structure.
 - c. Explain any two server control variation of the ButtonServer Control. (6+4+5)
3.
 - a. Explain the various methods of string state information at the client end.
 - b. Explain briefly the Application Domain.
 - c. What do you mean by cross-page posting? Explain. (6+5+4)
4.
 - a. Explain the compilation models that can be used to compile on Application using ASP.NET.
 - b. Differentiate between LiteralServer Control and Label Control.
 - c. Explain
 - i) The Application State
 - ii) The View State(6+4+5)

CREDIT BASED FIFTH SEMESTER B.C.A. DEGREE EXAMINATION

OCTOBER 2016

B.C.A

ADVANCED JAVA

Time: 3 Hrs.

Max. Marks: 100

PART – A

1. Answer any ELEVEN questions from the following: 11×2=22

- a. List any two advantages of J2EE.
- b. What is servlet? Write any one advantage of servlet over CGI.
- c. What is deployment descriptor?
- d. List the different layers of n-tier architecture.
- e. Which are the three kinds of enterprise beans?
- f. Write any two service technologies of J2EE.
- g. Differentiate between GET and POST methods.
- h. What are cookies? Write any one method of cookies class.
- i. How do you add comments to a JSP page?
- j. Which are the two types of data sources?
- k. Write any two methods of Connection Interface.
- l. Write any two advantages of type 2 JDBC drives.
- m. What is the use of expression tag?

PART – B

Answer any TWO full questions from each unit:

UNIT – I

2. a. Which are the different J2EE Components? Explain.
b. Explain two tier architecture with a neat diagram. (7+6)
3. a. Write a note on J2EE containers.
b. Which are the different Internet Protocols? Explain. (7+6)
4. a. Explain the architecture of J2EE with a neat diagram.
b. Write a note on sub component technology of J2EE. (7+6)

UNIT – II

5. a. Describe the different ODBC Components.
b. Explain the JDBC architecture with a neat diagram. (7+6)
6. a. Explain Type-2 JDBC driver. Write any two advantages and disadvantages of it.
b. Which are the three JDBC statement objects? Explain. (7+6)

7. a. List any six methods of ResultSet Interface. Explain with example for each.
- b. How do you insert data to a table using JDBC? Explain with the example for each. (7+6)

UNIT – III

8. a. Explain the life cycle of a Servlet.
 - b. Write a servlet program using cookies to check whether the user is new user or already visited the page. (7+6)
9. a. Explain the different Implicit Objects of JSP.
 - b. How does HTTPRequestHeader and HTTPResponseHeader work? (7+6)
10. a. Explain the life cycle of JSP.
 - b. Which are the three types of JSP scripting tags? Explain with example. (7+6)
