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BCACAC 313

Credit Based Fifth Semester B.C.A. Degree Examination, Oct./Nov. 2014
WEB DEVELOPMENT IN .NET
(New Syllabus) (2014-15 Batch Onwards)

Time : 3 Hours

Max. Marks : 100

Note : Answer **any ten** question from Part – A and **any one full** question from **each** Unit of Part – B.

PART – A

(10×2=20)

1. a) What are HTML tags ?
- b) How do you declare DOC TYPE in HTML5 ? What is its purpose ?
- c) What do you mean by Transforming Message ?
- d) What is ASP.NET ?
- e) Name any four validation web controls.
- f) What is the purpose of the following objects used in ADO.NET :
 - i) DataSet Object
 - ii) DetailsView
- g) Differentiate between value type and reference types.
- h) What is SOAP ?
 - i) Write any two properties of a Thread.
 - j) How do we invoke methods in C# ?
- k) What are Static constructors ?
 - l) What is an Event ? Give the syntax of event declaration.

PART – B

UNIT – I

2. a) Explain the structure of HTML document.
- b) Illustrating with an example explain how tables are created and their tags can be made use in HTML ?
- c) Explain with an example, how transforming an image is done in HTML5.
- d) Write a short note on video on web.

(6+5+5+4)

P.T.O.



3. a) What are forms ? Explain any four controls used with forms in HTML.
b) List and specify the various structural elements used in HTML5.
c) Explain the various role attributes used to achieve WAI-ARIA.
d) With an example, explain how arcs can be drawn in HTML5.

(5+5+5+5)

UNIT – II

4. a) Explain the architecture of ASP.NET.
b) Write the usage and explain any two properties of the following controls.
i) TEXTBOX ii) BUTTON iii) DropDownList
c) Explain the purpose of any three ADO.NET objects.
d) Write any three differences between XML and HTML.
5. a) Write the different characteristics of ASP.NET.
b) Explain the purpose, attributes, methods used with the following controls.
i) SqlDataSource
ii) ObjectDataSource
c) Explain the following validator controls.
i) Regular Expression Validator
ii) Compare Validator
d) Explain the building blocks of XML documents.

(5+6+6+3)

(5+5+5+5)

UNIT – III

6. a) Explain the different data types used in C#.
b) What are command line arguments ? Explain with example.
c) Explain the security mechanism used in ASP.NET.
d) List and explain the different states of ASP.NET.
7. a) What is literal ? Explain the various types of literal supported in C#.
b) What is Caching ? Explain the different types.
c) With an example explain the implicit conversion in C#.
d) Write a short note on WSDL.

(6+4+5+5)

(6+5+5+4)



UNIT – IV

8. a) Explain the structure of C# program.
b) What are the various forms of 'if' statement ? Explain with an example.
c) What is an interface ? Explain how it can be defined.
d) With an example explain : (i) constant member (ii) read only member. (5+5+5+5)
9. a) Explain any two method parameters used in C#.
b) What are Delegate Methods ? Explain with an example.
c) What is constructor ? Explain with its syntax and an example.
d) Using example explain method overloading in C#. (6+4+5+5)
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