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BCACAC 313

**Credit Based Fifth Semester B.C.A. Degree
Examination, November/December 2015
(New Syllabus) (2014-2015 Batch Onwards)
WEB DEVELOPMENT IN .NET**

Time : 3 Hours

Max. Marks : 100

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

PART – A

(10×2=20)

1. a) What are lists ? Specify the different types of lists in HTML.
- b) How do you create CANVAS in HTML5 ? Give an example.
- c) What do you mean by Transforming Message ?
- d) What is XML ? Why it is called so ?
- e) How ASP.NET is different from ASP ?
- f) What are panel controls ? Why it is used for ?
- g) What is SOAP ?
- h) What is Thread ? Write any two properties of a Thread.
- i) What are Command line arguments ? Give example.
- j) What are delegate ? Why it is used for ?
- k) What are Static constructors ?
- l) List any four method modifiers used.

PART – B

Unit – I

2. a) Illustrating with an example state how the tables are created and their tags can be made use in HTML.
- b) List and explain the various structural elements used in HTML5.
- c) How Transforming of an image is done in HTML5 ?
- d) Explain the any three CSS3 properties with suitable example.

(5+5+4+6)

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3. a) Explain the structure of HTML.
b) Explain any 5 input types used to design a form in HTML file.
c) With an example explain how rectangle can be drawn in HTML5.
d) Write a short note on :
i) GEO location
ii) Video on Web.

(5+5+4+6)

Unit – II

4. a) Write the different characteristics of ASP.NET.
b) Explain HTML Server controls with example.
c) Explain the purpose, attributes, methods used with the following controls :
i) Object DataSource
ii) XML DataSource
d) Explain the building blocks of XML documents.

(6+5+5+4)

5. a) Explain the purpose and any two properties of following controls.
i) Radio button
ii) CheckBox
iii) DropDown
b) With suitable example explain the following validator controls :
i) Compare validator
ii) Regular expression.
c) What are ADO.NET objects ? Explain the purpose of any two ADO.NET objects.
d) List any four differences between XML and HTML.

(6+5+5+4)

Unit – III

6. a) Explain scope of variable with example.
b) What is Caching ? Explain the different techniques of Caching.
c) With an example explain the implicit conversion in C#.
d) Write a short note on UDDI.

(5+5+5+5)



- 7. a) With suitable example explain the different Data Types used in C#.
- b) What is deployment ? Explain the different types of deployment project.
- c) Explain the security mechanism used in ASP.NET.
- d) What is Operator ? List the different types, explain any 4 types. (5+5+5+5)

Unit – IV

- 8. a) Explain the following loops with syntax and example.
 - i) while
 - ii) do...while
 - iii) for
 - b) With suitable example explain how method can be declared and invoked.
 - c) Explain with syntax and an example how delegates are declared.
 - d) What is Constructor ? Explain it with syntax and suitable an example. (5+5+5+5)
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- 9. a) Explain Boxing and Unboxing with example.
 - b) With suitable example explain the different types of IF statement used in C#.
 - c) What are Parameter Arrays ? Explain with example.
 - d) Using example explain how methods are overloaded in C#. (5+5+5+5)