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BCACAC 313

**Credit Based Fifth Semester B.C.A. Degree Examination, May/June 2016
(New Syllabus) (2014-15 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

1. (10×2=20)

- a) Write the usage of tag with any two attributes.
- b) Explain Alt and Align attributes of tag.
- c) Write the usage of <DIV> tag with style attribute.
- d) What are HTML tags ?
- e) What is ASP.NET ?
- f) Name any four validation web controls.
- g) Differentiate between value type and reference types.
- h) What are command line arguments ? Give example.
- i) What is Soap ?
- j) What is thread ? With the different thread states.
- k) What are delegate ? Why is it used for ?
- l) Explain boxing and unboxing with example.



PART – B

Unit – I

2. a) Explain the tag used to add image to a webpage with attributes of it.
b) What is linking ? Explain the types of linking with an example.
c) With an example explain how rectangle and arcs can be drawn in HTML 5 ?
d) Write a note on video on web. (5+6+5+4)
3. a) Explain the heading and marquee tags in HTML.
b) What are style sheets ? Explain the different types of style sheets.
c) List and specify the various structural event used in HTML file.
d) With an example explain how LineArt can be drawn in HTML5. (6+6+5+3)

Unit – II

4. a) Explain the architecture of ASP.NET.
b) Explain HTML server control with example.
c) Explain the purpose of any 3 ADO.NET objects.
d) With suitable example explain the following validator controls.
i) Compare validator
ii) Regular expression validator (5+5+6+4)
5. a) Write the different characteristics of ASP.NET.
b) Write the usage and explain any two properties of the following controls.
i) Text box ii) Button iii) Dropdown list
c) Explain the following controls :
i) SQLDATASOURCE
ii) XMLDATASOURCE
d) Write any three differences between XML and HTML. (5+6+6+3)



Unit – III

6. a) How does C# differ from Java ?
b) What are command line arguments ? Explain with example.
c) What is caching ? Explain the different techniques of caching.
d) Write a short note on UDDI. (5+5+5+5)
7. a) What are literals ? Explain the various types of literal supported in C#.
b) List and explain the different states of ASP.NET.
c) What is deployment ? Explain the different types of deployment project.
d) Explain explicit conversion with example. (5+5+5+5)

Unit – IV

8. a) Explain the structure of C# program.
b) With suitable example explain how methods can be declared and invoked.
c) What are parameter arrays ? Explain with example.
d) Using example explain method overloading in C#. (5+5+5+5)
9. a) Explain the following loops with syntax and example.
i) While
ii) Do. while
iii) For
- b). Explain with syntax and an example how delegates are declared.
c) Explain boxing and unboxing using with example.
d) What is interface ? Explain the defining, extending and implementing interface. (5+5+5+5)



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Unit – IV

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