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BCACAC 313

**V Semester B.C.A. Degree Examination,
October/November 2019**

(Credit Based Semester Scheme)

(Common to all Batches)

Web Development In .Net

Time : 3 Hours]

[Max. Marks : 100

Instructions :

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Answer **any ten** questions from PART-A and one full question from PART-B

PART-A

1. (a) Difference between
 and <P> tag. **(10 × 2 = 20)**
- (b) What are the advantages of using Style Sheets?
- (c) Write any 2 new inline elements used in HTML 5 with its purpose.
- (d) Write any two differences between ASP and ASP .NET.
- (e) What are Panel Controls? What is the use of it?
- (f) List any four building blocks of XML.
- (g) What is thread? How do you suspend a thread?
- (h) How do you define constants in C#?
- (i) List any four relational operators used in C#, with their purpose.
- (j) Why do you alias namespace with class in C#? Give an example.
- (k) What is an Event? Give the syntax of event declaration in C#.
- (l) What are Static constructors?

**PART-B****UNIT-I**

2. (a) Explain any four text formatting tags with example. **(4+5+6+5)**
(b) Explain five attributes of MARQUEE tag with example.
(c) Explain the different types of Style Sheets with example.
(d) Explain the TEXTAREA and CHECKBOX with three attributes each.
3. (a) Explain the different types of lists in HTML4 with an example.
(b) How can you draw a rectangle and text using canvas? Explain with an example.
(c) Explain with an example, how is an image transformed in HTML5? Consider HTML unordered list to display 3 images, apply Scaling, Rotate, Skew and Translate.
(d) Explain the various Role attributes used to achieve WAI-ARIA. **(6+5+5+4)**

UNIT-II

4. (a) Differentiate ASP with ASP .NET. **(4+6+5+5)**
(b) Explain the Rangevalidator and Compare Validator with example.
(c) List and explain any four ADO .NET Objects.
(d) How do you integrate XML with HTML, explain with an example.
5. (a) Explain the architecture of ASP .NET. **(4+6+4+6)**
(b) Explain with example, calendar control with following properties: Show Title, First Day of Week, Selection Mode, Todays Date.
(c) Explain the different types of DTD with example.
(d) Explain the purpose and attributes of sql Data Source and Grid View controls.



UNIT-III

6. (a) Explain the different value types used in C#. **(6+5+5+4)**
(b) Explain the scope of variables with example.
(c) Explain the different elements of web service.
(d) Explain the mechanisms used in ASP .NET to authorize a user.
7. (a) What are command line arguments? Explain with example.
(b) Explain implicit and explicit conversion with example.
(c) What is Caching? Explain any two types of caching.
(d) Explain the different states of ASP .NET. **(4+5+5+6)**

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UNIT-IV

8. (a) Explain Boxing and Unboxing with example. **(5+4+6+5)**
(b) What is "fallthrough" in switch statement? How does it achieve in C#.
(c) Explain do...while and for each statements in C#, with example.
(d) What are delegates? Explain Delegate Methods with example.
9. (a) Explain else if ladder with an example in C#. **(5+4+6+5)**
(b) What is nesting of methods? Give an example.
(c) Explain how do you define, extend and implement an interface, with an example.
(d) What is a Property? Explain with example implementing a property.