Reg. No. ☐☐☐☐☐☐☐☐

BCACAC 313

**Credit Based Fifth Semester B.C.A. Degree
Examination, October/November 2016
(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

1. a) What are lists ? Name the different types of lists.   (10×2=20)

   b) Define <IMG> tag with two attributes.

   c) What is WAI-ARIA ? What is its purpose ?

   d) How do you create canvas in HTML 5 give an example ?

   e) Name any four validation web controls.

   f) Differentiate between value type and reference type.

   g) What is thread ? Write the different thread states.

   h) How do we invoke methods in C# ?

   i) Write any four characteristics of ASP.NET.

   j) Expand the terms : UDDI, SOAP, WSDL, XML.

   k) Explain boxing and unboxing with example.

   l) What is delegate ? Why it is used ?

PART – B

Unit – I

2. a) Explain any five text formatting tags.

   b) Explain with example, how tables are created in HTML ?

   c) With an example, explain how rectangles and arcs can be drawn in HTML 5.

                                                                               (5+5+6+4)

   d) Write a note on video on web.

P.T.O.

3. a) What are forms ? Explain any four input type used to design a form in HTML file.

b) What are style sheets ? Explain the different types of style sheets.

c) Write a note on Working Offline.

d) Explain any three CSS 3 properties with suitable examples. **(5+6+4+5)**

Unit – II

4. a) Write the purpose and explain any two properties of the following controls :
   i) TextBox
   ii) Radio Button

b) Explain the following validators with example :
   i) Required FieldValidator
   ii) RangeValidator

c) Explain any five ADO.NET objects.

d) Write any three differences between XML and HTML. **(4+5+5+6)**

5. a) Explain the architecture of ASP.NET.

b) Explain the purpose of any 5 web server controls.

c) Explain the following controls :
   i) AccessDataSource
   ii) SqlDataSource.

d) Explain the building blocks of XML documents. **(5+5+5+5)**

Unit – III

6. a) Explain the different value types used in C#.

b) With an example, explain command line arguments.

c) Explain the implicit conversion in C# with an example.

d) Write a short note on WSDL. **(5+5+5+5)**

7. a) What is Operator ? List the different types, explain any 4 types.

b) What is Caching ? Explain the different techniques of caching.

c) What is Deployment ? Explain the different types of deployment project.

d) Write a note on SOAP. **(5+5+5+5)**

Unit – IV

8. a) With a suitable example, explain the different types of if statements used in C#.

   b) What are Reference Parameter ? Explain pass-by-reference with example.

   c) Explain with syntax and example how delegates are declared.

   d) Using example explain invoking methods in C#.   (5+5+5+5)

9. a) Explain the following loops with syntax and example :

   i) While

   ii) Do While

   iii) For.

   b) What are Output Parameters ? Explain with example.

   c) What is Constructor ? Explain it with syntax and suitable example.

   d) What is interface ? Explain the defining, extending and implementing interface.   (5+5+5+5)