Reg. No. ☐☐☐☐☐☐☐☐☐

BCACAC 313

**Credit Based Fifth Semester Equivalent Subject for IV Sem. B.C.A.
Degree Examination, September 2022
(Semester Scheme) (Common to all Batches)
WEB DEVELOPMENT IN .NET
(Equivalent to BCACAC 252 Internet Programming)**

Time : 3 Hours   Max. Marks : 100

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

PART – A

1. a) With an example define any two attributes of FRAMES.   **(10×2=20)**
   b) Define the syntax of <IMG> tag with an example.
   c) List any two role attributes with its purpose used in HTML5.
   d) Define DTD.
   e) What is the purpose of <canvas> tag ?
   f) Define any two elements of web service.
   g) What do you mean by WSDL ?
   h) What are static methods ?
   i) What are command line arguments ?
   j) Give the difference between Boxing and Unboxing.
   k) What is an event ? Give its syntax.
   l) What are delegates ? Why it is used ?

PART – B

Unit – I

2. a) Write a note on lists in HTML.
   b) Define <FORM>. Explain any four controls used with forms in HTML.
   c) Explain any three CSS3 properties with an example.
   d) Explain the various structural elements used in HTML5.   **(4+5+6+5)**

3. a) Write a note on GEOLocation.
   b) Explain different types of Stylesheets with an example.
   c) Explain <table> tag and its attributes in HTML with an example.
   d) Explain with an example how rectangles can be drawn in HTML5. **(4+5+6+5)**

P.T.O.

Unit – II

4. a) Explain any two properties of following controls with an example.

   i) RadioButton   ii) DropDownList

   b) Differentiate ASP and ASP.NET.

   c) Explain the building blocks of XML document.

   d) Explain any five ADO.NET objects.   **(5+5+5+5)**

5. a) Explain the following validator controls.

   i) RangeValidator   ii) CompareValidator

   b) Compare XML with HTML.

   c) Explain HTML server controls with example.

   d) Explain (i) SQLDataSource (ii) XMLDataSource.   **(5+5+5+5)**

Unit – III

6. a) Explain the different states of ASP.NET.

   b) Describe the different security mechanisms used in ASP.NET.

   c) Explain the various ways to invoke a method in C#.

   d) Differentiate between C# and JAVA.   **(5+5+5+5)**

7. a) Explain UDDI.

   b) Briefly explain the various types of caching.

   c) Explain scope of variables with an example.

   d) Explain the data types used in C#.   **(5+5+5+5)**

Unit – IV

8. a) Explain the structure of C# program.

   b) Explain Parameter Arrays with a suitable example.

   c) Explain how interfaces are defined, extended and implemented with an example.

   d) Explain for each statement of C# with an example.   **(5+5+5+5)**

9. a) Explain Constructors with an example.

   b) Briefly explain with an example the delegate methods.

   c) What are output parameters ? Explain with an example.

   d) What is fall through in switch statement ? Explain how it is achieved in C#.

                                                          (5+5+5+5)

_____