

--	--	--	--	--	--	--	--	--	--

**Credit Based Fifth Semester B.C.A. Degree
Examination, October/November 2017
(Common to All Batches) (New Syllabus)
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) Differentiate between
 and <P> tag. (10×2=20)
 b) Write the necessary tag to display the following text $x^2 + y^2 = z^2$.
 c) Define tag with two attributes.
 d) List the various role attributes used to achieve WAI-ARIA.
 e) Write any two characteristics of ASP.NET.
 f) List any four WebServer Controls.
 g) What is XML ? Give the importance of < ?XML version="1,0" ?>.
 h) How do you create canvas in HTML5 ? Give an example.
 i) How do you invoke methods in C# ?
 j) What is WSDL ?
 k) What is an Event ? Give the syntax of event declaration.
 l) What is Caching ? List the different types.

PART – B

Unit – I

2. a) Explain the structure of HTML document, with an example.
 b) What is a Ordered Lists ? Explain with example, the tags used to create ordered list.
 c) Explain how transforming of an image is done in HTML5. Give an example. (5+5+5+5)
 d) Write a note on GEO location.



3. a) What are style sheets ? Explain the different types of styles sheets.
b) With an example explain how arcs can be drawn in HTML5.
c) Explain how FRAMES are created in HTML with the necessary tags.
d) Explain any five text formatting tags. (5+5+5+5)

Unit – II

4. a) Differentiate between ASP and ASP.NET.
b) Write the usage and explain any two properties of the following controls
i) AdRotator ii) TextBox
c) Explain the building blocks of XML documents.
d) Explain :
i) SqlDataSource ii) ObjectDataSource. (5+5+5+5)
5. a) Explain the following validator controls.
i) Compare Validator ii) Range Validator
b) What are ADO.NET objects ? Explain the purpose of any two ADO.NET Objects.
c) Write any five difference between XML and HTML.
d) Explain the architecture of ASP.NET. (5+5+5+5)

Unit – III

6. a) What is Web Service ? Explain any two elements of Web Service.
b) What are Command Line arguments ? Explain with example.
c) Explain the different data types in C#.
d) Explain scope of variable with example. (5+5+5+5)
7. a) What is Deployment ? Explain the different types of Deployment project.
b) List and explain the different states of ASP.NET.
c) Differentiate between C# and JAVA.
d) Explain implicit and explicit conversion in C# with an example. (5+5+5+5)

Unit – IV

8. a) Explain the structure of C# program with example.
b) Explain any two ways of passing parameters to method. Give examples for each.
c) Explain with syntax and example, how delegates are declared.
d) Explain the various forms of 'if' statement with example. (5+6+4+5)
9. a) Explain with syntax and example, how methods are declared and invoked in C#.
b) Explain any two looping statement with syntax and example.
c) Explain Boxing and Unboxing in C#.
d) Explain constructor with syntax and example. (5+5+5+5)