

Reg. No.

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BCACAC 313

Credit Based Fifth Semester B.C.A. Degree Examination, April/May 2022
(Common to All Batches)
WEB DEVELOPMENT IN .NET

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) Write the usage of <DIV> tag with style attribute.
- b) List any two differences between ASP and ASP.NET.
- c) Write the usage of tag with style attribute.
- d) Write any two advantages of HTML5 over HTML4.
- e) What is ASP.NET ?
- f) Name any four validation controls used.
- g) What is XML ? Why it is so called ?
- h) List the two properties of thread.
 - i) What is an Event ? Give the syntax of event declaration.
 - j) What are static constructors ?
 - k) How do you invoke method in c# ?
 - l) What are delegates ? Why it is used for ? **(10×2=20)**



PART – B

Unit – I

2. a) Explain the structure of HTML4.
b) Explain any three CSS3 properties with suitable example.
c) Using suitable example, explain how rectangle and arcs can be drawn using canvas in HTML5.
d) Explain any five input types used to design a form in HTML file. (5+5+5+5)

3. a) Explain the various structural elements used in HTML5.
b) Explain any five text formatting tags with an example.
c) How tables are created in HTML ? Explain.
d) Write a short note on i) GEO location ii) Video on Web. (5+5+5+5)

Unit – II

4. a) Write the different characteristics of ASP.NET.
b) Explain the purpose and any two properties of following controls.
i) TextBox ii) CheckBox iii) Radio Button.
c) Explain the purpose of any two ADO.NET objects.
d) Explain the building blocks of XML documents. (5+6+4+5)
5. a) Explain the architecture of ASP.NET.
b) With suitable example explain the following validator controls.
i) Range Validator ii) Compare Validator.
c) List any four differences between HTML and XML.
d) Explain the purpose, attributes, methods used with the following controls.
i) Access DataSource
ii) Object DataSource. (4+6+4+6)



Unit – III

6. a) List any five differences between C# and Java.
b) Write a short note on WSDL.
c) What are literals ? Explain the various types of literal in C#.
d) What is Deployment ? Explain the different types of deployment project. **(5+5+5+5)**
7. a) With suitable example explain the different Data Types used in c#.
b) Write short note on UDDI.
c) What is Operator ? List the different types and explain any four types.
d) What is Caching ? Explain the different types of Caching. **(5+5+5+5)**

Unit – IV

8. a) Explain the structure of C#.
b) With suitable example explain the different types of IF statement used in c#.
c) What are the parameter arrays ? Explain with example.
d) With suitable example explain how methods can be declared and invoked. **(5+5+5+5)**
9. a) Explain Boxing and Unboxing with an example.
b) Explain the following loops with syntax and example.
 i) Do...While
 ii) For
 iii) While
c) Explain with syntax and an example how delegates are declared.
d) What are Constructors ? Explain it with syntax and suitable an example. **(5+5+5+5)**
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