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**BCACAC 334**

**Choice Based Credit System Fifth Semester B.C.A. Degree  
Examination, April/May 2022  
(2021-22 Batch Onwards)  
WEB TECHNOLOGY (Group – I)**

Time : 3 Hours

Max. Marks : 80

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

PART – A

(10×2=20)

1. a) List any two inline elements of HTML with their purpose.
- b) Write the syntax of rgba() used in canvas with an example.
- c) Write the syntax of conditional operator used in C#. Give example.
- d) What is the purpose of TextMode and MaxLength properties of textbox control in ASP.NET ?
- e) What are the different options are used to specify the Repeat Layout property of the CheckBoxList ?
- f) What are data bound controls ? List any two such controls used for complex binding.
- g) How do you suppress an error in PHP ? Give an example.
- h) What do you mean by trim() function in PHP ? Give an example.
- i) List any two metacharacters used in PCRE regular expressions outside square brackets with their purpose.
- j) What do you mean by clone keyword in PHP ? Give an example.
- k) Give an example for procedural and object-oriented syntax to connect MYSQL using mysqli.
- l) How do you create and delete directories in PHP ?

P.T.O.



PART – B  
Unit – I

2. a) Explain the various input types used to design a form in HTML5.  
b) Explain the following with syntax and example using HTML canvas :  
i) Drawing Rectangle  
ii) Drawing Text.  
c) Explain Method Overloading with an example in C#. (5+5+5)
3. a) How do you use audio and video tags in HTML5 ? Explain with an example.  
b) Explain while and for each loop with syntax and example in C#.  
c) How constant members and read-only members are created and used in C# ? Explain with an example. (5+5+5)

Unit – II

4. a) Write the different characteristics of ASP.NET.  
b) Explain different types of buttons used in ASP.NET with their properties and example.  
c) Explain any five ADO.NET objects. (5+5+5)
5. a) Write the advantages of ASP.NET web form pages.  
b) Explain the Calendar control properties SelectionMode, SelectedDayStyle, TodayDayStyle and Panel control properties BackImageUrl, Direction.  
c) Explain the following controls with their purpose, attributes and methods :  
a) SqlDataSource  
b) ObjectDataSource. (5+5+5)

Unit – III

6. a) How do you access Form variables in PHP ? Explain with an example.  
b) Explain fopen(), fwrite() and fclose() functions of PHP.  
c) Explain three types of arrays used in PHP with an example for each. (4+5+6)



7. a) Explain fgetc() and fread() functions of PHP with an example.
- b) Explain sort(), asort() and ksort() functions of PHP with an example.
- c) Explain preg\_match() and preg\_split() functions with their prototype and example. (4+5+6)

**Unit – IV**

8. a) How do you access the attributes and operations of a class in PHP ? Explain with an example.
  - b) Explain the basic steps involved to access (query) a database from the web with necessary example.
  - c) Explain directives used in session upload progress with their descriptions. (5+5+5)
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9. a) How do you create traits ? Explain with an example.
  - b) Explain the steps involved in working of web database architecture.
  - c) How does the web server user can create, delete and move files ? Explain. (5+5+5)
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