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**BCACAC 334**

**Choice Based Credit System Fifth Semester B.C.A. Degree  
Examination, February/March 2023  
(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) How do you create CANVAS in HTML5 ? Give an example (tag).
- b) Define literals. List any two literal types used in C#.
- c) What do you mean by polymorphism ?
- d) Name any four validation controls.
- e) What are panel controls ? Why it is used ?
- f) What is the purpose of TextMode and MaxLength properties of textbox control in ASP.NET ?
- g) List any two data types used in PHP with its purpose.
- h) What is strlen() function ? Give an example.
- i) How do you suppress an error in PHP ? Give an example.
- j) What are access modifiers ? List three different access modifiers supported in PHP.
- k) What is the use of \_\_autoload() function in PHP ? Give an example.
- l) How do you create and delete directories in PHP ?

**PART – B  
Unit – I**

2. a) List and explain inline elements of HTML with an example.
- b) Explain with example :
  - i) Drawing rectangle
  - ii) Drawing arcs.
- c) Explain any 5 input types used to design a form in HTML5. **(5+5+5)**

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3. a) List and explain any four types of operators, with example.
- b) Explain method overloading with an example.
- c) What is "fallthrough" in switch statement ? How is it achieved in C# ? Explain with an example. (5+5+5)

### Unit – II

4. a) Write any four characteristics of ASP.NET.
- b) Explain the following controls with an example using these properties.
  - i) DropDownList (BorderColor, BorderStyle, BorderWidth, SelectedIndex)
  - ii) RadioButtonList (CellPadding, CellSpacing, RepeatColumns, RepeatDirection).
- c) Explain ImageControl of ASP.NET with its properties. (4+6+5)
5. a) Explain the following controls with their purpose, attributes and methods :
  - i) SqlDataSource
  - ii) XmlDataSource.
- b) List and explain any five ADO.NET objects.
- c) Explain the following controls with their purpose, attributes and methods :
  - i) DataList
  - ii) GridView. (5+5+5)

### Unit – III

6. a) Explain fopen() and fwrite() functions of PHP.
- b) Explain three types of arrays used in PHP with an example for each.
- c) Explain sort() and asort() functions of PHP with an example. (5+6+4)
7. a) Explain explode(), implode() and substr() functions of PHP with their purpose and example.
- b) Explain three string comparison functions of PHP with an example.
- c) Explain preg\_match() and preg\_split() functions with their prototype and example. (6+3+6)



**Unit – IV**

8. a) How do you access the attributes and operations of a class in PHP ? Explain an example.
- b) Create a web page to store book information such as ISBN, Author, Title and Price accepted by the user to a table 'Books'.
- c) How do you implement a file upload using HTML ? Explain with an example. **(4+7+4)**
9. a) Explain opendir() and readdir() with an example.
- b) How does the web server user can create, delete and move files ? Explain.
- c) List and explain the functions used by web server to change the file system properties with their syntax. **(5+6+4)**
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