

BCA Sem-5 Examination

CC 301

Web Application Development (New)

Time : 2-00 Hours]

August 2021

[Max. Marks : 50

Instructions: All questions in Section I carry equal marks.
 Attempt any TWO questions in Section I.
 Question V in Section II is COMPULSORY.

Section: I

Question:1

[A] 1. Write a short note on .NET Framework [10]

2. Explain Coding model of ASP.NET

[B] 1. Explain Built-in Directory structure of ASP.NET [10]

2. Write a short note on global.asax file

Question:2

[A] 1. Explain FileUpload control in brief. [10]

2. Explain Application and Session variables with an example of each.

[B] 1. Write a short note on AdRotator control. [10]

2. Discuss QueryString and Cookies with an example of each

Question:3

[A] 1. What is Master page? Explain the role of content place holder in the [10]

Master page.

2. What is Profile? How can we create a profile in ASP.NET website?

[B] 1. List and explain all validation controls in brief. [10]

Question:4

[A] 1. What is Role? Discuss any three methods of Role class. [10]

2. Explain Membership class with any three methods of it.

[B] 1. Write a short note on: FormView. [10]

2. Explain DataAdapter class of ADO.NET in brief.

Section: II

Answer the following MCQs (Any Five): [10]

1 _____ function will be used to convert relative path into absolute path.

[A] Server.ConvertPath()

[C] Response.MapPath()

[B] Server.MapPath ()

[D] Request.MapPath()

2 _____ control allows us to create different hyperlinks on the same image.

[A] Image

[C] ImageMap

[B] LinkButton

[D] HyperLink

3 _____ built-in directory option is used to store .cs class files.

[A] App_Code

[C] App_GlobalResource

[B] App_Data

[D] Bin

4 Setting of _____ attribute is mandatory for all validation controls.

[A] Type

[C] ControlToCompare

[B] ControlToValidate

[D] Operator

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- 5 In _____ approach data is passed from one page to another using creating a small file in the client computer.
- [A] Cookies [C] PreviousPage.FindControl()
[B] QueryString [D] Session
- 6 Identify the property of page.
- [A] AutoPostBack [C] TextMode
[B] IsPostBack [D] EnableAutoPostBack
- 7 Property which restrict or allow label to be send it to the server when button is clicked, is _____
- [A] EnableViewState [C] IsValid
[B] EnableAutoPostBack [D] IsPostBack
- 8 Identify the control, which is not used to represent the data.
- [A] FormView [C] GridView
[B] SQLDataSource [D] Repeater
- 9 To store the login credentials, most websites are using _____ approach.
- [A] Session [C] Application
[B] QueryString [D] Cookies
- 10 To read QueryString variable, _____ object is used.
- [A] Application [C] Response
[B] Session [D] Request

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Instructions: All questions in Section I carry equal marks.
Attempt any TWO questions in Section I.
Question V in Section II is COMPULSORY.

Section I

Q I	A	Explain problems with windows and advantages of Linux	10
	B	Explain configuring a local printer, network printer and windows/SMB shared printer	10
Q II	A	Explain difference between windows security and Linux Security and explain difference between Root and ordinary users	10
	B	Explain adding menus to a panel and adding the applications menu to a panel and deleting a menu	10
Q III	A	Explain file permissions, adding, viewing and altering permissions in Linux	10
	B	Explain working with files, listing files, copying files, moving files, Deleting files and changing and creating directories in Linux	10
Q IV	A	Explain searching through files using grep, Comparing text files and Using the head and tail commands	10
	B	Explain editing images with the GIMP, cropping, cloning, sharpening and applying filters	10
Section II			
Q V		MCQs (Any 5 x 2 marks each)	10
	(i)	To configure email, _____ and _____ mail servers are configured. a) Pop, SMTP b) Pop, Http c) Http, Https d) FTP, SMTP	
	(ii)	_____ style of setting wallpaper maintains the aspect ratio a) Tiled b) Scaled c) Centered d) None	
	(iii)	_____ command is used to display three lines from the beginning of the file a) tail -3 b) top -3 c) head -3 d) begin -3	
	(iv)	Windows-style desktop shortcut is a called _____ in Ubuntu a) launcher b) icon c) hyperlink d) link	
	(v)	To import photographs from camera, we can use _____ image viewer a) gCam b) gThumb c) gPic d) gPhoto	
	(vi)	_____ command is used to list and sort the files according to size of file in current directory a) ls -lS b) ls -lt c) ls -x d) ls	
	(vii)	_____ command is used to view the currently running processes a) kill b) ps c) pt d) cp	
	(viii)	_____ is used to search a command a) find b) locate c) whereis d) none	
	(ix)	_____ is the full form of codec a) co-decoder b) coder-decoder c) coder-codec d) none	
	(x)	_____ command is used to count the occurrences of the word in one or more than one files a) grep b) find c) locate d) cmp	