Total No. of Questions : 9]

(2102)

[Total No. of Printed Pages : 4

BCA (CBCS) RUSA Vth Semester Examination

3999

ASP.NET TECHNOLOGIES
BCA-0504

Time : 3 Hours]

[Maximum Marks : 70

Note :– Attempt *five* questions in all, selecting *one* question from each Part–I, II, III and IV. Question No. 1 (Part–A) is compulsory.

Part–A

(Compulsory Question)

1. (A) Attempt all parts. Fill in the blanks :

    (i) The file extension an ASP.NET web form is ....aspx.... .

    (ii) ....web.config.... file apply settings to all ASP.NET Applications.

    (iii) ....Boolean.... is the datatype return in IsPostback Property.

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(1)

Turn Over

State whether the statement is True or False :

(iv) Does ASP.NET support any type of databases ?

(Yes/No)

(v) Every server control must have an Id.

(True/False)

(vi) Web.config file is used to store the global information and variable definitions for the application.

(True/False)

Select the correct option :

(vii) .... is not an ASP Component.

(a) Counter

(b) AdRotator

(c) File Access

(d) LinkCounter

(viii) What is the fully qualified name of the base class of all server controls :

(a) System.Web.UI.Contorl

(b) System.Web.UI

(c) System.Control

(d) All of these

(ix) How many types of authentication ASP.NET supports ?

(a) Windows Authentication

(b) .NET Passport Authentication

(c) Forms Authentication

(d) All of these

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(2)

(x) A web application can contain .... ,

(a) Only One Web.Config File

(b) Only Two Web.Config File

(c) More than One Web.Config File

(d) No File $1 \times 10 = 10$

(B) Answer the following in **25** to **40** words :

(i) What is a Web Application ?

(ii) Explain server controls in ASP.NET.

(iii) Explain the difference between Web.Config and Machine.Config File.

(iv) What is a Web Service in ASP.NET ?

(v) Write a program in ASP.NET to demonstrate use of Buttons in a Webform.
$4 \times 5 = 20$

Part–B

(Unit–I)

2. (a) Discuss different types of Configuration files that the .Net Framework provides.

(b) What do you mean by Active Server Pages.   5,5

3. (a) What are advanced features of ASP.NET ?

(b) How error handling and garbage collection is done in .NET Framework ? Explain.   5,5

Part–C

(Unit–II)

4. (a) Explain using example the concept of Overriding Methods using Object and Class.

(b) Write a code to create a class in VB.Net.   6,4

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(3)

Turn Over

5. (a) Explain the method of creating Assemblies.

(b) What is Namespace ? Give example. 5,5

Part–D

(Unit–III)

6. (a) Differentiate between In-page and Code Behind Format.

(b) Explain web form object life-cycle. How client side events are handled on the server ? 5,5

7. (a) Discuss at least *five* HTML Contorls.

(b) What are web server controls in ASP.NET ? Explain Table controls. 5,5

Part–E

(Unit–IV)

8. (a) Discuss various web form list controls in detail.5

(b) What are the different validations in ASP.NET ? Explain. 5,5

9. (a) Write a program in ASP.NET to demonstrate use of Check Box in a form.

(b) Explain, how user controls are loaded dynamically ? 5,5

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(4)