

No. of Questions : 9]

Roll No.

[Total No. of Printed Pages : 4

1)

**BCA (CBCS) RUSA Vth Semester
Examination**

4521

**ASP.NET TECHNOLOGIES
BCA-0504**

Time : 3 Hours]

[Maximum Marks : 70

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

Part-A

(Compulsory Question)

1. (A) Select the correct option :

(i) Which file contains settings for all .NET application types, such as windows, console, class library and Web Applications ?

✓ (a) Web.config

- (b) Machine.config
(c) Global.asax
(d) All of these
- (ii) Which of the following is not an ASP.NET page event ?
(a) Init
(b) Load
(c) Import
(d) None of these
- (iii) Which of the following HTTP verb indicates that you are creating and writing a file on the web server ?
(a) POST (b) SET
(c) GET (d) PUT
- (iv) ASP.NET validation controls works at
(a) Client side
(b) Server side
(c) Both client and server side
(d) None of these

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(2)

- (v) If you want to add graphics using ASP.NET, which of the following web control will you use ?
(a) Layout (b) Grid view
(c) Link Button (d) AdRotator

State whether the statement is True or False :

- (vi) Control to validate is a property common in every validation control. (True/False)
(vii) View state works on the server side. (True/False)

Fill in the blank spaces :

- (viii) Debug class is available in namespace.
(ix) By default ASP.NET session ID is stored in
(x) The file extension of web service in ASP.NET is 1x10=10
- (B) Answer the following in 25 to 50 words :
(i) Differentiate between ASP.NET and VB.NET.
(ii) What is a Web Service ?
(iii) Discuss Arithmetic operators used in VB.NET.
(iv) What is the use of 'Runat' attribute ?
(v) Write a short note on Garbage collection. 4x5=20

Turn Over

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Part-B

Unit-I

2. Explain the design features of .NET framework. 10 each
3. What is Common Language Runtime (CLR) ? What are the major services provided by CLR ?

Part-C

Unit-II

4. Explain how accessibility of inherited properties and methods is achieved in VB.NET ? 10 each
5. Define Namespaces. How namespace is different in .NET framework ?

Part-D

Unit-III

6. Explain different Web form code Models in detail. 10 each
7. Explain in detail HTML Server Controls.

Part-E

Unit-IV

8. Explain DropDownList, RadioButtonList, ListBox and CheckBoxList controls in detail. 10 each
9. What do you mean by validation of data ? Why is it required ? Explain various validation controls of ASP.NET.