

Total No. of Questions : 9]
(2111)

Roll No.

[Total No. of Printed Pages : 4

**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

(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 $1 \times 10 = 10$

(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.

$4 \times 5 = 20$

Part-B

Unit-I

10 each

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

Part-C

Unit-II

10 each

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

Part-D

Unit-III

10 each

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

Part-E

Unit-IV

10 each

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