

Total No. of Questions : 10] [Total No. of Printed Pages : 4
(1108)

**B.C.A. UG (CBCS) RUSA Vth Semester
Examination**

4218

**ASP.NET TECHNOLOGIES
BCA-0504**

Time : 3 Hours]

[Maximum Marks : 70

Note :- Select *one* question from each Part B, C, D and E.
Part-A is compulsory.

Part-A

(Compulsory Question)

1. Do as Directed (MCQ/True False/ Fill in the Blanks) :

(i) The .Net framework which provides automatic memory management using a technique is called

(ii) Which of the following is FALSE ?

(a) ASP.Net applications run without a Web Server

(b) ASP + and ASP.Net refer to the same thing

MC-677

(1)

Turn Over

- (c) ASP.Net is a major upgrade over ASP
 - (d) None of the above
- (iii) How do enable an application to use .Net base class library members without referencing their fully qualified names ?
- (iv) What is Unmanaged Code ?
- (v) What is Cust ?
- (vi) What are the namespaces that automatically imported into every ASP.Net page ?
- (vii) In ASP.Net in form page the object which contains the user name is ?
- (viii) Which of the following method must be overridden in a custom control ?
- (a) The paint() method
 - (b) The control_build() method
 - (c) The default constructor
 - (d) The Render() method
- (ix) If one has two different web form controls in an application and if one wanted to know whether the values in the above two different web form control matched, for that which control can be used.

- (x) Select the type processing model that ASP .Net simulate :
 - (a) Event-Driven
 - (b) Static
 - (c) Linear
 - (d) Top-Down
2. Attempt all of the following **25** to **50** words : 10×1=10
- (i) What are the state management options in ASP.Net ?
 - (ii) Differentiate ASP.Net and VB.Net.
 - (iii) What are the functions of the components of the common language runtime ?
 - (iv) Briefly describe three types of user-developed controls and how they differ ?
 - (v) What is the simplest way to write an HTML string to the output of an ASP.Net page ? 5×4=20

Part-B

3. (a) What are the development tool and operational systems that .Net provide to build, deploy and integrate applications ?
- (b) Explain .Net compilation process. 6,4
4. (a) Why do Web Services use ASP.Net ?
- (b) Discuss the methods how to handle an error in .Net.
- (c) What are the different types of Configuration files that the .Net Framework provides ? 3,4,3

Part-C

5. (a) Define Operator. Explain the different kinds of operators which are used in VB.Net.
(b) Discuss with example the concept of Overriding Methods using Object and Class. 5,5
6. (a) What are Assemblies and Namespaces and explains the difference between them ?
(b) Write a program in VB.Net to enter Name and date of birth of ten students and print their name and age. 5,5

Part-D

7. Discuss working and Syntax of following HTML Server Controls :
(a) From
(b) Span
(c) Hyperlink
(d) Input Control
(e) Table Control
8. Define Event. Describe the events used in the life cycle of a Web Application. 10 each

Part-E

9. Define Validation. Discuss properties and methods of Validation Control. 10
10. (a) How User Controls are loaded dynamically ?
(b) Differentiate Simple List Controls and Template List Controls. 6,4