

1795

MCA 5th Semester Examination

ASP.NET Using C#

MCA-502

Time : 3 Hours

Max. Marks : 60

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt Five questions in all selecting one from each of the Sections A, B, C & D. Section E is Compulsory.

SECTION - A

1. (a) Briefly describe the components of .NET Framework.
(b) Differentiate between Windows Forms and Web Forms.
(12)
2. a) Differentiate between ASP.NET server side programming and HTML web page designing.
(b) Create a simple web page application displaying "Hello World" using ASP.NET. (12)

SECTION - B

3. (a) Describe the concept of class in C# by creating a class with name Student having variables stname, stcourse, strollno and also write methods for inputting values for the variables and displaying the student information.
(b) Explain handling of DropDownList on a web page and how items can be added to it at run time. (12)

[P.T.O.]

4. (a) Explain Image Button and Link Button controls with major properties.
- (b) List any two events and show how to handle these in C#. (12)

SECTION - C

5. (a) How a web page can be created using stored procedure? Explain.
- (b) Describe the process of creating and dynamically loading user controls. (12)
6. (a) Explain the following validation controls with the help of examples.
- (i) Compare Validator
- (ii) Regulars Expression Validator
- (b) What is ADO.NET? Explain with an example how database insertion and deletion are performed. (12)

SECTION - D

7. (a) Describe master pages and how these are created and used.
- (b) Explain how cookies are used to preserve the state of user inputting name and password for login. (12)
8. (a) How Repeater Control is created? Explain.
- (b) Describe handling errors in ASP. (12)

SECTION - E

9. (i) What is the pupose of global.asax file? (2)
- (ii) What is the use of fall trough in switch statement of C#? (2)
- (iii) Give two properties of List Box Control. (1)
- (iv) What is a namespace? (1)
- (v) ASP stands for _____ (1)
- (vi) What is Custom Validator used for? (1)
- (vii) Name any two ASP editors. (1)
- (viii) What is the role of adapters? (1)
- (ix) What is the application of Radio Button? (1)
- (x) CGI stands for _____ (1)