

# END TERM EXAMINATION

FOURTH SEMESTER [MCA]MAY JUNE 2012

Paper Code:MCA 210

Subject:Web Technologies

Time:3 Hours

Maximum Marks:60

**Note:Attempt five question including Q.no.1. which is compulsory.select one Question from each unit.**

## UNIT-1

**Q1** Attempt any ten from the following:- (2\*10=20)

- (a)What is the difference between static and dynamic web pages?
- (b ) Explain the AutoPostBack property of webserver controls with example.
- (c)Name different data binding controls in standard web server controls in ASP.NET.
- (d)What is Document Object Model?
- (e)State difference advantages of using XML.
- (f)What is SOPA?
- (g)Discuss the life cycle of a page in brief.
- (h)What is IsPostBack property of a page?
- (i)why we use SqlCommandBuilder object in ADO.NET?
- (j)Discuss the usage of SqlDataReader and SqlDataAdapter object in ADO.NET.
- (K)What is DISCO standard?

## UNIT-II

- Q2**(a)State different advantages and disadvantages of using frames in our websites . (5)
- (b)What are different types of cascading style sheets? Explain usage with an example. (3+2=5)
- Q3**(a)State different guidelines to create a website. (5)

(b) Create a dynamic web page using Java Script to order to Burger online and also confirm the order with the user before finally submitting it. (5)

### UNIT III

**Q4(a)** What are the different ways to develop a web application in ASP.NET? Explain with an example. (5+2=7)

(b) What are the different events associated to button Server Control? Explain the usage with an example. (3)

**Q5(a)** Write code to connect our web page to company database and also write code to read, insert, update and delete from "employee" table in SQL Server. (7)

(b) Explain briefly the uses of different validation controls in ASP.NET. (3)

### UNIT-IV

**Q6(a)** What is a session? Explain different modes of sessions and their usage in ASP.NET. (6)

(b) Explain different aspects of error handling in ASP.NET. (4)

**Q7(a)** Explain different ways of authentication in ASP.NET. (6)

(b) Briefly explain **any two** of the following:- (2\*2=4)

(i) Viewstate (ii) Querystring (iii) Cookies

### UNIT-V

**Q8(a)** What is a Web Server? Explain the architecture and standards in details. (10)

**Q9** Write short notes on any two of the following:- (5\*2=10)

(a) Grid computing (b) Cloud Computing (c) Latest trends in Web Technology