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Seat No.	
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[4966]-5001

MCA (Commerce Faculty) (Semester V)

EXAMINATION, 2016

ADVANCED WEB PROGRAMMING

(2013 PATTERN) (CREDIT SYSTEM)

Time : Three Hours

Maximum Marks : 50

N.B. :— (i) Attempt any *five* questions.

(ii) Figures to the right indicate full marks.

1. (a) What are Delegates ? Explain with suitable example. [4]
(b) Explain ASP.NET Framework with suitable example. [4]
(c) What is MSIL ? [2]
2. (a) What is Global asax file in ASP. NET ? Explain its usage. [4]
(b) Explain page life cycle of web forms in ASP.NET. [4]
(c) What are cookies ? Explain. [2]
3. (a) Explain any two validation controls used in ASP. NET. [4]
(b) Define viewstate. Explain the concept with example. [4]
(c) What are master pages ? [2]
4. (a) Write steps to access database in ADO.NET using Sql Data Reader object. [4]
(b) Write a web application in ASP.NET using C# to insert a record into employee (Eid, Ename, Basic) table. Accept the details from the user on a web form. [4]
(c) What are properties in C# ? [2]

P.T.O.

5. (a) What are web services ? Explain its advantages. [4]
(b) Write a web application in ASP.NET using C# to dynamically generate a dropdown list control and add 5 items to it. [4]
(c) What is WSDL ? Explain. [2]
6. (a) What are the Technologies behind AJAX ? Explain in details. [4]
(b) Write a web application in ASP.NET using C# to blink the text (using AJAX timer control) [4]
(c) What is JOSON ? Explain. [2]
7. (a) What is ADO.NET ? What are the advantages of ADO.NET. [5]
(b) Explain interfaces in C# with suitable example. [5]
8. (a) Explain the steps to create crystal report without using wizard. [5]
(b) What is event handling in ASP.NET ? Explain. [5]