Seat No:_____   Enrollment No:_____

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
MCA, Winter 2018 –19 Examination

Semester: 5   Date: 26/10/2018
Subject Code: 05201302   Time: 10:30am to 1:00pm
Subject Name: Web Application Development   Total Marks: 60

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1   Answer the followings.

A. Do as Directed.   (05)
1. ASP.NET file extension is_____.
2. What is the base class from which all Web forms inherit?
3. Postback occurs in which form?
4. What is the use of Response. write() method?
5. Which control is used to validate that two fields are equal?

B. Multiple choice type questions (Each of 01 marks)   (10)

1. Which method do you invoke on the Data Adapter control to load your generated dataset?   (a) Fill( ) (b). ExecuteQuery( ) (c) Read( )

2. How do you manage states in asp.net application
(a) Session Objects (b) Application Objects (c) Viewstate (d) All of the above

3. Web.config file is used to _____
(a) Configures the time that the server-side codebehind module is called
(b) To store the global information and variable definitions for the application
(c) To configure the web server
(d)To configure the web browser

4. Which of the following transfer execution directly to another page?
   (a) Server.direct (b) Response.transfer (c) Both a and b (d) None of the these

5. Which of the following object is not an ASP component?
   (a) LinkCounter   (b) Counter   (c) AdRotator (d) File Access

6. Caching type supported by ASP.Net
   (a) Output Caching (b) DataCaching (c) a and b (d) none of the above

7. How do you get information from a form that is submitted using the "post" method?
   (a) Request.QueryString   (b) Request.Form (c) Response.write (d) Response.writeln

8. You can have only one Global.asax file per project.
   (a) Yes   (b) No

9. Which of the following is faster and consume lesser memory?
   (a) SQLDataReader (b) Data Set

10. Find the term: The .NET framework which provides automatic memory management using a technique called _____ ?
   (a) Serialization (b) Garbage Collection (c) Assemblies (d) Overriding

Q.2   Answer the followings.   (15)
1.   Write any two advantages of ASP.NET.   (2)
2.   Explain about CTS.   (2)
3.   What is view state?   (2)
4.   What is the use of Language Integrated Query?   (3)
5.   Explain about any two HTML server controls.   (3)
6.   What is caching in ASP.NET?   (3)

Q.3   Answer the following. (Any three)   **(15)**

    1. List out different validation controls. Explain each in brief.

    2. What is state management? Why state management is required?

    3. Explain grid view controls in detail.

    4. What is web page? Explain with example.

Q.4   Answer the following.

A.   What is master page and content page? What is the use of master page? Explain with example.   **(05)**

B.   What is MVC? Explain MVC architecture with suitable example and diagram.   **(10)**

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OR

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B.   List out different web controls and explain any 5 with example.   **(10)**