

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF IT & COMPUTER SCIENCE**  
**PARUL INSTITUTE OF COMPUTER APPLICATION**  
**BCA/IMCA SEM-4 2017–18 Mid Semester Examination**

Semester: 4

Date: 04/04/2018

Subject Code: 05101254/05301254

Time: 10:00 to 12:00

Subject Name: Web Application Development using Asp.net

Total Marks: 40

**Instructions:**

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

<b>Q.1</b>	<b>Answer the following.</b>	<b>[10]</b>
<b>(a)</b>	<b>Short Question.</b> 1.What is ASP.Net? 2.List the events in page life cycle. 3.What are the components of ADO.NET?	<b>[3]</b>
<b>(b)</b>	<b>Answer the following.</b> <b>1.The first event triggers in an aspx page is.</b> [A] Page_Init()[B] Page_Load()[C] Page_click() [D] Page_Delete() <b>2.We can manage states in asp.net application using</b> [A] Session Objects [B] Application Objects [C] Viewstate [D] All of the above <b>3.Attribute must be set on a validator control for the validation to work.</b> [A] ControlToValidate [B] ControlToBind [C] ValidateControl [D] Validate <b>4.What is used to validate complex string patterns like an e-mail address?</b> [A] Extended expressions [B] Basic expressions [C] Regular expressions [D] Irregular expressions <b>5.You can have only one Global.asax file per project.</b> [A] Yes[B] No <b>6.Which method do you invoke on the DataAdapter control to load your generated dataset with data?</b> [A] Load ( ) [B] Fill( ) [C] DataList [D] DataBind <b>7.Select the control which does not have any visible interface.</b> [A] Datalist [B] DropDownList [C] Repeater [D] Datagrid	<b>[7]</b>

<b>Q.2</b>	<b>Answer the following.</b>	<b>[10]</b>
(a)	1.What is Cookies? State use of Cookies. 2.Explain Client side Validation	[4]
(b)	1.What is View State? Explain with example. 2.Explain .NET Execution process using Diagrammatic Flow.	[6]
<b>Q.3</b>	<b>Attempt any TWO.</b>	<b>[10]</b>
<b>1</b>	Explain .NET framework in details.	[5]
<b>2</b>	List Different States in ASP.NET.Explain Application State in Details.	[5]
<b>3</b>	Explain ADO.NET Architecture in details.	[5]
<b>Q.4</b>	<b>Answer the following.</b>	<b>[10]</b>
(a)	List the different validation control and Explain two in detail.	[5]
(b)	Explain DataReader, DataAdapter and Connection object with example.	[5]
	<b>OR</b>	
(b)	Explain Repeater control in brief.	[5]