

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF COMPUTER APPLICATION**  
**BCA DEPARTMENT**  
**Mid Term Examination – April, 2017**

Subject Code: 05101254/05301254  
Subject Title: Web Application Development using .NET  
Course: BCA / IMCA Semester: 4

Date: 13<sup>th</sup> April 2017  
Time: (1.5 hour)  
Total Marks: 30

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**Q-1) Solve MCQ (Attempt any 06)**

**(06)**

1. **How do you manage States in Asp.net?**  
a) Application State                      b) Session State                      c) View State                      d) All of the above
2. **The Following are the minimum requirement to run Asp.net pages**  
a) Java Virtual Machine                      b) Common Language Runtime  
c) Windows explorer                      d) None of Above
3. **Which of the following is not an ASP.NET page event?**  
a) Init                      b) Load                      c) Import                      d) None of the above
4. **A developer wanted to achieve graphics in his display using ASP.NET. Which of the following web controls are available in ASP.NET to achieve the above?**  
a) Both a) and b)    b) LinkButton                      c) AdRotator                      d) None of the Above
5. **Forms based authentication is otherwise called in ASP.NET as Cookie Authentication because Forms authentication uses cookies to allow applications to track users throughout their visit.**  
a) Windows Authentication                      b) Passport Authentication  
c) Cookie Authentication                      d) None of the Above
6. **Which Client Side State Management does Asp.net support**  
a) Session                      b) QueryString                      c) Cookies                      d) Both B and C
7. **ASP.NET separates the HTML output from program logic using a feature named as**  
a) Exception                      b) Code-behind                      c) Code-front                      d) None of the above
8. **Which Validation Control does not have ControltoValidate property**  
a) Regular Expression                      b) RequiredField                      c) ValidatorSummary                      d) CompareValidator
9. **Which of the following statements correctly define .NET Framework?**  
a) It is an environment for developing, building, deploying and executing Desktop Applications, Web Applications and Web Services.  
b) It is an environment for developing, building, deploying and executing only Web Applications.  
c) It is an environment for developing, building, deploying and executing Distributed Applications.  
d) It is an environment for developing, building, deploying and executing Web Services.

10. In ASP.NET if one wants to maintain session then which of the following is used?

- a) In-process storage
- b) Microsoft SQL Server
- c) Session State Service
- d) All the Above

Q-2) Answer the following (1 line) (Attempt any 08 )

(08)

1. State the difference between Checkboxlist control and Checkbox control.
2. Give regular expression for email address.
3. Explain Page directive.
4. What is use Panel Control in ASP.NET?
5. What is MSIL? Explain in short how it works.
6. What is Asp.Net?
7. What is global.asax?
8. Justify "ASP.NET is a server-side technology".
9. . What is the use of custom Validator?
10. What is a Namespace?

Q-3) Answer the following questions (Short) (Attempt any 4 )

(08)

1. Difference between DropDownList and ListBox Controls
2. Explain difference between RequiredField Validator and Range Validator.
3. Explain difference between Cookies and Session.
4. Explain: QueryString State Management Technique.
5. Explain: Types of Validation Controls.
6. Explain: CLR.

Q-4) Answer the following questions ( Long) (Attempt any 2)

(08)

1. Explain: .NET framework in detail.
2. Explain: Session state Management Technique in detail.
3. Explain: RegularExpressions Validator Control.
4. Explain FileUpload Control & its properties.