PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA Summer 2017–18 Examination

Semester: 4   **Date: 25/05/2018**
Subject Code: 05101254   **Time: 10:30 am to 01:00 pm**
Subject Name: Web Application Development Using Asp.Net   **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 following.   **[15]**

(a)   1. What is a Namespace?   [5]
         2. What is the purpose of App_Data folder?
         3. Define Response_Redirect Method.
         4. Define Query String.
         5. Give regular expression for email address.

(b)   1. What are the client-side state management options that ASP.NET supports?   [10]
         A. Application   B. Session

         C. Querystring   D. Option a and b are correct

    2. Which validation control that does not has a control to validate property?
         A. Require field   B. Custom

         C. Compare   D. validation summary

    3. When a User's Session times out which event should you respond to?

         A. Application_Start   B. Session_End

         C. Session_Start   D. Application_End

    4. In ASP.NET application the Global.asax file lie in which directory
         A. Application   B. System
         C. ROOT   D. None of the Above

    5. What type of data can Cookies store?
         A. String   B. DateTime

         C. System.Int32   D. None of the above.

    6. In which file you should write the connection string, so you can access it in all the web page
    for same application?
         A. In App_Data folder.   B. In Web.config file
         C. In MasterPage file.   D. None of the above.

    7. Which object works on client side in state management system?
         A. ViewState   B. cookies

         C. Query strings   D. All of the above

8. The GridView control in ASP.NET has which of the following features
   A. Automatic data binding   B. Automatic paging
   C. Both A) and B)   D. None of the above

9. Which property is mandatory for a Validation Control?
   A.   EnableServerScript   B. Message
   C. EnableClientScript   D. ControlToValidate

10. 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

Q.2 Answer the following. (Attempt any FIVE).   **[15]**

    1. What is Asp.Net? Write down Advantages of ASP.NET.?
    2. Write a Program for writing data in XML file.
    3. What are Types of Files in ASP.NET?
    4. Explain Client-Server Architecture.
    5. Explain: List box control
    6. What is Master page? What are the requirements of master page?

Q.3 Attempt any Three.   **[15]**

1   Explain FileUpload Control & its properties.   **[5]**

2   Explain Types of Controls in ASP.NET.   **[5]**

3   Explain Client side state Management.   **[5]**

4   Explain TextBox Control and it's properties.   **[5]**

Q.4 Answer the following.   **[15]**

(a) What is Web service? Explain the standards of web service.   **[5]**

(b) Write a Example to connect with Database and Explain Ado.net Architecture.   **[10]**
                           OR
(b) List out the Validation control in Asp.net and Explain any three.   **[10]**