

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

Semester: 4**Subject Code: 05101254****Subject Name: Web Application Development using ASP.NET****Date: 13/12/ 2018****Time: 2:00 PM TO 4:30 PM****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 A. Answer the followings.

1. What is ASP.Net?
2. What is global.asax?
3. Why HTTP is Stateless Protocol?
4. What is Cookies? State use of Cookies.
5. Define different types of file in ASP.Net .

Q.1 B. Multiple choice type questions.**(10)**

1. In ASP.NET application the Global.asax file lie in which directory
A) Application B) System
C) ROOT D) None of the Above
2. Which object works on client side in state management system?
A) ViewState B) Cookies
C) Query strings D) All of the above
3. 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
4. What are the client-side state management options that ASP.NET supports?
A) Application B) Session
C) Querystring D) Option a and b are correct
5. 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
6. Which property is mandatory for a Validation Control?
A) EnableServerScript B) Message
C) EnableClientScript D) ControlToValidate
7. 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.
8. Which Session Mode Serialization is not required to store the data?
A) Off B) InProc
C) StateServer D) SQLServer
9. What type of data can Cookies store?
A) String B) DateTime
C) System.Int32 D) None of the above.
10. 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

Q.2 Answer the followings. (Any Five)**(15)**

1. Explain SOAP.
2. Explain Writing Datasets with XML.
3. What is Master page? Explain it in detail along with Content page.
4. Explain Absolute Expiration Caching with syntax.
5. Discuss ADO.NET. Explain Connected architecture and Disconnected architecture.
6. Explain Cookies in details.

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

1. Explain the session in detail.
2. Explain Web Service in details. How each standards communication with each other to access Web Service?
3. Explain DataTable, DataColumn and DataRow with Example.
4. Explain types of Controls types of files in ASP.NET.

Q.4 Answer the following.

A. Explain FileUpload Control & its properties. (05)

B. What is State Management in ASP.NET? Explain each state in detail. (10)

OR

B. What is Validation and ValidationSummary Control? Explain the types of validation also Explain CompareValidator Control and RegularExpression Validation Control. (10)