

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA / IMCA Summer 2018 – 19 Examination

Semester: 4**Subject Code: 05101254 /05301254****Subject Name: Web Application Development Using Asp.Net****Date: 22/04/2019****Time: 2:00pm to 4:30pm****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. Write short notes.****(05)**

1. What is Web Configuration file in ASP.NET?
2. What is View State?
3. Give one advantage and disadvantage of ASP.Net?
4. What is Web service?
5. What are the components of ADO.NET?

B. Multiple choice type questions/ Give the sentence true or false. (Each of 01 marks)**(10)**

1. To kill a users session explicitly which of the following will you use?
a) Session.Close() b) Session.End() c) Session.Abondon() d) Session.Discard()
2. The first event triggers in an aspx page is.
a) Page_Init() b) Page_Load() c) Page_click() d) Page_delete()
3. WSDL stands for _____ ?
a) Web Server Description Language b) Web Server Descriptor Language
c) Web Services Description Language d) Web Services Descriptor Language
4. What is the base class from which all Web forms inherit?
a) Master Page b) Page Class c) Session Class d) None of the Above
5. Which object works on client side in state management system?
a) ViewState b) cookies c) Query strings d) All of the above
6. What type of data can Cookies store?
a) String b) DateTime c) System.Int32 d) None of the above.
7. Which Session Mode stores session Information in Current Application Domain?
a) InProc b) StateServer c) SQLServer d) Off
8. By using which of the following attribute, HTML elements are transformed to HTML server control?
a) runat="client" b) runat="server" c) runat="browser" d) runat="host
9. Web.config file is used...
a) Configures the time that the server-side code behind 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
10. Which of the Following is not an ASP.NET Page Event?
a) Init b) Load c) Import d) Response

Q.2 Answer the followings. (Attempt any five) (15)

1. Explain Absolute and Sliding Cache Expiration with syntax.
2. What is View State? Explain with example.
3. What is Master Page? What is the requirement of Master Page?
4. Why we required XML? Explain its history, benefits and drawbacks.
5. Explain .NET compilation process using Diagrammatic Flow.
6. What do you mean by Client and Server validation? Explain.

Q.3 Answer the following. (Attempt any three) (15)

1. What do mean by state management? Explain Session and Cookie with proper example.
2. Draw neat and clean diagram of .NET framework. Explain its important components.
3. What do you mean by managed provider? How managed provides are supported in ADO.NET.
4. Draw and explain ADO.NET architecture in detail.

Q.4 Answer the following.

A. Explain various Validation controls for ASP.NET with example (05)

B. Explain usage of following ADO.Net objects with their methods with example.

- 1) SqlDataAdapter
 - 2) SqlCommand object
 - 3) Dataset
 - 4) Data table
- (10)

OR

B. What is ASP.NET? Explain types of Files in ASP.NET and Types of controls in ASP.NET.Explain Any one Standard Control in Detail. (10)