Seat No:_____   Enrollment No:_____

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA/ IMCA Winter 2019 – 20 Examination

Semester: 4   Date: 16/12/2019
Subject Code: 05101254/05301254   Time:02:00 pm to 04:30 pm
Subject Name: Web 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 followings.

A. Write short notes.   **(05)**

1. What is the purpose of App_Data folder?
2. What is Cookies?
3. What are IIS?
4. Define CLR
5. Why HTTP is Stateless Protocol?

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

1. Choose the correct option about DataSet object.
   A) Provides Disconnected mode   B) Can store multiple table simultaneously
   C) Consumer Object   D) All of the above

2. Which is the minimum requirement to run Asp.net pages
   A) Java Virtual Machine   B) Common Language Runtime
   C) Windows explorer   D) None

3. Which of the following is not an ASP.NET page event?
   A) Init
   B) Load
   C) Import
   D) None

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

5. How do you manage States in Asp.net?
   A) Application State
   B) Session State
   C) View State
   D) All

6. Which feature is following by GridView control?
   A) Automatic data binding
   B) Automatic paging
   C) Both A and B
   D) None

7. _____ is the Data Type return in IsPostBack property.
   A) bit
   B) boolean
   C) int
   D) object

8. Which object works on client side in state management system?
   A) ViewState
   B) Cookies
   C) Query strings
   D) All of the above

9. Choose the correct option about DataSet object.
   A) Provides Disconnected mode
   B) Can store multiple table simultaneously
   C) Consumer Object
   D) All of the above

10. In ASP.NET application the Global.asax file lies in which directory_____.
    A) Application
    B) System
    C) ROOT
    D) None of the Above

Q.2   Answer the followings. (Any five)   **(15)**
   1. State the difference between client side validation and server side validation.
   2. Explain Client-Server Architecture in detail.
   3. Explain CLR in detail.
   4. Explain Panel Control & its Properties.
   5. What is Master page? Explain the requirements of master page?
   6. Explain Differences between Cookies and Session

Q.3   Answer the following. (Any three)   **(15)**
   1. What is validation control? Explain any five validation control.
   2. Explain DataReader and DataAdapter with an example.
   3. Explain Query string in detail with an example
   4. Explain web services in detail with an example.

Q.4   Answer the following.
   A. Short note on .NET framework with diagram.   **(05)**
B(1). Explain ADO.NET Architecture with diagram.   **(05)**
B(2) Explain types of files in ASP.NET   **(05)**
                                   OR
B(1) Explain the Standard controls of ASP.NET   **(05)**
B(2). Explain usage of following ADO.NET objects with their methods & an example.   **(05)**
   1. SqlConnection
   2. SqlCommand object