

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**DIPLOMA ENGINEERING – SEMESTER – V-EXAMINATION – WINTER 2015**

**Subject Code: 350701**

**Date: 19/12/2015**

**Subject Name: Internet application Programming**

**Time: 10:30 AM TO 1:00 PM**

**Total Marks: 70**

**Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Each question carry equal marks (14 marks)

- Q.1** (a) Explain .NET Framework Architecture. **07**  
(b) (i) Write the difference between Java,C# and Visual Basic . **04**  
(ii) Explain C.T.S **03**
- Q.2** (a) What is CLR ? Explain main Features of CLR. **07**  
(b) Explain different Data Types in C#. **07**
- OR
- (b) List different operators in C# and Explain any two in brief. **07**
- Q.3** (a) Explain Different Looping structure in C#. **07**  
(b) Explain jagged Array with example **07**
- OR
- Q.3** (a) What is Delegates ? write steps to create and use of delegates. **07**  
(b) Explain Boxing and unboxing with example. **07**
- Q.4** (a) What is Authentication? Explain all the Authentication modes available in ASP.NET. **07**  
(b) Explain ADO.NET Architecture. **07**
- OR
- Q.4** (a) List Advantages of ASP.NET. **07**  
(b) List and Explain Command Objects of different method. **07**
- Q.5** Attempt Any two. **14**
- 1 Write a C# program which accept student name ,roll no, three subject marks and calculate total and average using class and find total and average using class and find number of student enrolled .
  - 2 Write a c# program which compare two student object who has more average overload Binary > operator(s1>s2).
  - 3 Write a C# program to sort an array of 10 integer number.
  - 4 Write a program which will Illustrate the use of property.

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