

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (NEW) - EXAMINATION – SUMMER 2016

Subject Code:2160711

Date:17/05/2016

Subject Name: .Net Technology

Time: 10:30 AM to 01:00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) Explain .Net framework architecture with diagram and also discuss IL,CLR, CTS and CLS. **07**
- (b) What is Namespace ? Write a short note on Namespaces. **07**

- Q.2 (a) What is method overloading? Explain it in brief with suitable example in C#. **07**
- (b) Write console based program in code behind language VB or C# to print following pattern. **07**
- ```
@ @ @ @ @
@ @ @ @
@ @ @
@ @
@
```

**OR**

- (b) Write console based program in code behind language VB or C# to print following pattern. **07**
- ```
1
1 2
1 2 3
1 2 3 4
```

- Q.3 (a) What do you mean by managed provider? How managed provides are supported in ADO.NET. **07**
- (b) Explain various Validation controls for ASP.NET with example **07**

OR

- Q.3 (a) Write a ADO.NET program in code behind language VB or C# which shows records from student_details(S_No,S_Name,S_Address) on console application. **07**

S_No	S_Name	S_Address
1	Aryaveer	Ahmedabad
2	Jeetraj	Baroda
3	Dhruvin	Surat

- (b) Draw and explain ADO.NET architecture with its new features. **07**
- Q.4 (a) What is Cookies and Session ? How to create Cookies and Session? Explain with its syntax and write ASP.NET program to illustrate the concept of Cookies and Session. **07**
- (b) Explain the concept of master pages in ASP.NET with example. **07**

OR

Q.4 (a) What is Dialog? Explain following Dialogs with its usage. **07**
1) FolderBrowserDialog 2) OpenFileDialog 3) ColorDialog 4) SaveDialog

(b) What is Debugging and Error Handling in Dot Net Technology? Explain with proper example. **07**

Q.5 (a) What was ADO Technology ? How it differs from ADO.NET Technology? Explain. **07**

(b) Explain usage of following ADO.Net objects with their methods. **07**
1) SqlDataAdapter
2) SqlCommand object
3) Dataset

OR

Q.5 (a) Explain data binding with GridView control related to ADO.NET Technology. **07**

(b) What is SqlDataReader ? Explain it with relevant example. **07**
