

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2021****Subject Code:2160711****Date:07/08/2021****Subject Name:.Net Technology****Time:02:30 PM TO 05:00 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 following terms: **03**
 1) Jitter 2) Assembly 3)DLL
- (b) Write short note on namespaces. **04**
- (c) Draw .Net architecture diagram and explain its components. **07**

- Q.2** (a) Discuss constructor overloading in c#. **03**
- (b) What is GDI+? List all Brush classes and explain any two Brush classes. **04**
- (c) What is dialog? Explain following dialogs with its usage. **07**
 1)FolderBrowserDialog
 2)ColorDialog
 3)OpenFileDialog

OR

- (c) Define structured exception, write a c# Program to create user define exception class and handle the exception. **07**
- Q.3** (a) Define classes of System.IO namespace . **03**
- (b) List windows form controls and explain radio button and checkbox control. **04**
- (c) Write a C# program which creates windows form with one Button,Textbox. When button is clicked it should display “Hello World” message and display red back color in the textbox. **07**

OR

- Q.3** (a) Define indexer in .net. **03**
- (b) What is delegate? Explain single cast delegate. **04**
- (c) Create a web service to convert Celsius to Fahrenheit. write code to consume it . **07**
- Q.4** (a) Give any three differences between asp and asp.net. **03**
- (b) Explain Concept of Master Page with Example. **04**
- (c) Draw architecture of ADO.NET .discuss it’s components . **07**

OR

- Q.4** (a) Discuss Theme in .Net. **03**
- (b) List all validation control explain RegularExpression validator for email validation with example. **04**
- (c) Create Registration form in asp.net and insert the data in student table (sid,name,branch,semester,contact,address). **07**
- Q.5** (a) Draw diagram of asp.net page life cycle. List it’s methods. **03**
- (b) Define web services. explain web service components in detail **04**

- (c) What is state management? Explain Session and Cookie with suitable example **07**

OR

- Q.5** (a) Show use of web.config file. **03**
(b) Write a short note on WPF, WCF . **04**
(c) Write asp.net application to bind data using gridview control and ado.net . **07**
