

Seat No.: _____

Enrolment No. 6

G. H. Patel College of Engineering & Technology
Gujarat Technological University

191604 2160711 : .NET Technology
Mid Semester Examination
Semester VI, Academic Year : 2015-16

Date: 18th March, 2016
Maximum Marks: 20

Time: 1:30 P.M to 2:45 P.M

Instructions:

- Figures to the right indicate maximum marks.
- Make necessary assumptions whenever required.

Q-1 A Explain CLR and Garbage collection. [3]
B What is Structured Error Handling? Explain with proper example. [2]

Q-2 A Explain Interface with example. [3]
B Explain following terms in brief. [4]
i) sealed
ii) virtual
iii) override
iv) base

OR

Q-2 A Explain function overriding with example. [3]
B What is indexer? Differentiate it with property. Explain it with suitable example. [4]

Q-3 A Write a program which creates windows form with one Button, One Textbox and One Label on it. When user enters number in Textbox and if button is clicked it should display whether number is prime or not in the Label (Draw form with above controls). [4]
B List out various dialogs. Explain FontDialog dialog in detail. [4]

OR

Q-3 A Write a program which creates windows form with one Button, One Textbox and One Label on it. When user enters N in Textbox and if button is clicked it should display sum of first N odd numbers. [4]
(Draw form with above controls).
B Explain following features of ADO.NET [4]
1. Managed Provider
2. Disconnected data access

*****Best of Luck*****