Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2023 Subject Code:3160717 Date:07-12			
Subj	ect ]	Name:Data Visualization :30 PM TO 05:00 PM Total Mar	
Instru	1. 2.	Attempt all questions.  Make suitable assumptions wherever necessary.  Figures to the right indicate full marks.  Simple and non-programmable scientific calculators are allowed.	MARKS
Q.1	(a) (b)	, , , , , , , , , , , , , , , , , , ,	03 04
	(c)	What is Google API? Write HTML code to display Bar chart using Google APIs.	07
Q.2	(a) (b) (c)		03 04 07
	(c)	Write down code for reading asynchronously and displaying XML file using JQuery.	07
Q.3	(a) (b) (c)		03 04 07
Q.3	(a) (b) (c)	Differentiate text file with JSON file	03 04 07
Q.4	(a) (b) (c)	What is Data joins? Explain interactive buttons with suitable example. Write a code to demonstrate play button also explain it.  OR	03 04 07
Q.4	(a) (b) (c)	What is sequence w.r.t data visualization?	03 04 07
Q.5	(a) (b) (c)	How do you update charts? How you achieve eloquence? Explain it What is information Dashboard? Explain various design issues of it.  OR	03 04 07
Q.5	(a) (b) (c)	What is Bullet graph?	03 04 07

\*\*\*\*\*

information dashboard.