Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V (NEW) EXAMINATION - WINTER 2022

Subj	ect	Code:3150713 Date:04-01-20	23	
Subject Name:Python for Data Science Time:10:30 AM TO 01:00 PM Instructions: Total		:30 AM TO 01:00 PM Total Marks:	Marks:70	
	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. Simple and non-programmable scientific calculators are allowed.		
Q.1	(a) (b) (c)	Explain the input function of python that demonstrates type casting.	03 04 07	
Q.2	(a) (b) (c)	How to format Date and Time in python. Explain it with example.	03 04 07	
	(c)	Write a python code to read data from text file.	07	
Q.3	(a) (b) (c)		03 04 07	
Q.3	(a) (b) (c)	What are the magic functions in Jupyter? Explain with example. With example explain the concept of bags of words model.	03 04 07	
Q.4	(a) (b) (c)	Explain with example how to parse XML and HTML.	03 04 07	
Q.4	(a) (b) (c)	Explain any three functions from Scikit learn.	03 04 07	
Q.5	(a) (b) (c)	Write a python code to access data from web.	03 04 07	
Q.5	(a)		03	
-	(b) (c)		04 07	
