Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (OLD) - EXAMINATION - SUMMER 2017

Subject Code: 162206 Subject Name: Computer Application in Mining Time: 10:30 AM to 01:00 PM Instructions: Date: 03/05/2 Total Marks			Date: 03/05/2017	
		70		
11190	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a) (b)	Differentiate between Input Device and Output Device. Explain different uses of Input Device and Output Devices in brief.	07 07	
Q.2	(a) (b)	Make a list the types of Printers. Explain any two with sketch. Write short note on Plotters.	07 07	
	(b)	OR Explain different type of displays in brief.	07	
Q.3	(a) (b)	List out types of various Scanners. Explain any two in detail. Explain Digitizer and Joystick.	07 07	
Q.3	(a) (b)	OR Write advantages and disadvantages of Computer Application in Mining. Write note on Circle-Generation algorithm.	07 07	
Q.4	(a)	How can you understand 2D Graphics Transformation? Explain "Geometric Transformation".	07	
	(b)	Explain Data Scanning Devices. OR	07	
Q.4	(a) (b)	Explain Electronic Pen and Keyboard with clean sketch. Differentiate between Inkjet Printer and Dot-matrix Printer.	07 07	
Q.5	(a) (b)	Explain Frame Buffer in detail. Write note on Vector Pixels.	07 07	
Q.5	(a)	OR Explain introduction on Data Base Management System also write use of	07	
	(b)	DBMS package for Programming related to Mining Activities. Write introduction of CAD and its application in Mining.	07	
