

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI (NEW) - EXAMINATION – SUMMER 2017

Subject Code: 2162206

Date: 05/05/2017

Subject Name: Computer Application Mining

Time: 10:30 AM to 01:00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
Q.1	Short Questions	14
	1 What is computer?	
	2 How many columns are there in MS-Excel?	
	3 What is the full form of USB?	
	4 What is the volatile memory?	
	5 What is the full form of CPU?	
	6 What is the full form of CAD?	
	7 List out of name input device.	
	8 List out of name output device.	
	9 Write down on application on CAD.	
	10 List out name of printer.	
	11 What is full forming DBMS?	
	12 Which software used in mining sector?	
	13 What is CAM? Which type uses CAM in mining system?	
	14 What is full form HTML and MS-DOS?	
Q.2	(a) Explain Bresenham's line algorithm.	03
	(b) Write a short note on Inkjet Printer and Flatbed Plotter.	04
	(c) Write a short note on DBMS.	07
	OR	
	(c) Define the following terms: (1) Data (2) Database Management System (3) Geodata (4) metadata (5) Redundancy (6) Monitor (7) Keyboard.	07
Q.3	(a) Write a note on Three – dimensional graphics transformations.	03
	(b) Write a short note on plotter.	04
	(c) Explain various input devices with sketch.	07
	OR	
Q.3	(a) Write a short note on Laser Printer.	03
	(b) Write the advantage of CAM.	04
	(c) List out various output devices. Explain any two devices with sketch.	07
Q.4	(a) Write a advantages of DBMS.	03
	(b) Explain Data Scanning Devices.	04
	(c) What is computer graphic system? Write a note on various subsystems of graphic system.	07
	OR	
Q.4	(a) Write a note on: "the issues in data mining".	03
	(b) Explain Frame Buffer in brief.	04
	(c) Write a note on reflection transformation.	07
Q.5	(a) Define CAD. Write benefits of CAD.	03

- (b) Describe various issues in Data Mining. 04
- (c) Define vector. Explain the types of co-ordinate system. 07

OR

- Q.5**
- (a) Write a note on circle – Generation algorithms. 03
 - (b) Write the notes on Light pens, joy sticks and track ball. 04
 - (c) Explain Geo information system. Write the advantages of DBMS. 07