

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI- EXAMINATION – SUMMER 2016

Subject Code:162206

Date:13/05/2016

Subject Name:Computer Application in 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.

- Q.1** (a) Explain types of schema maintained by the DBMS **07**
(b) Write a note on data scanning devices. **07**
- Q.2** (a) What is Data Mining? Discuss the issue in data mining. **07**
(b) Write advantages and disadvantages of computer application in mining. **07**
- OR**
- (b) Define vector. Explain the types of co-ordinate system. **07**
- Q.3** (a) Explain Bresenham's line algorithm. **07**
(b) Write a note on plotters and digitizers **07**
- OR**
- Q.3** (a) Describe the rotation reposition of 2D objects. **07**
(b) Write a note on circle – Generation algorithms. **07**
- Q.4** (a) What is CAD? Give applications of availing computer aided drafting and designing Services **07**
(b) Explain types of printers. **07**
- OR**
- Q.4** (a) Explain Three – dimensional graphics transformations. **07**
(b) What is an output device? Write a short note on chain/band printer and Drum plotter. **07**
- Q.5** (a) Explain co-ordinate free geometry. **07**
(b) What are output devices? Explain different types of printers **07**
- OR**
- Q.5** (a) Write the notes on Light pens, joy sticks and track ball. **07**
(b) Define the following terms: (1) RAM (2) Database Management System (3) Keyboard (4) metadata (5) Redundancy (6) Monitor (7) Computer **07**
