

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – SUMMER 2013

Subject Code: 162206

Date: 31-05-2013

Subject Name: Computer Application In Mining

Time: 10.30 am - 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 difference between input and output device of computer. Write a note on: **07**
‘ Laser printers’.

(b) Explain DBMS package for programming related to data mining using activities. **07**

Q-2. (a) List out the various input and output device of computer. Add a note on: **07**
(1)Electronic Pen (2) voice response systems.

(b) Discuss the inkjet printers and flatbed plotter. **07**

OR

(b) Write a note on data scanning devices. **07**

Q-3. (a) How the lines are projected on the screen in matrix form. Add a note on DDA. **07**
(b) Define the following terms:

- (1) Data (2) Database Management System (3) Geodata (4) metadata
(5) Redundancy (6) Monitor (7) Keyboard.

OR

Q-3. (a) Write a note on circle – Generation algorithms. **07**

(b) What is geo information system? Give advantages of DBMS. **07**

Q-4. (a) Write a note on Three – dimensional graphics transformations. **07**

(b) Define CAD. Give merits of availing computer aided drafting and designing **07**
Services. Add a note on ‘Co – ordinate systems in CAD’.

OR

Q-4. (a) Explain Clipping and shielding with reference to two – dimensional viewing Transformations. **07**

(b) Explain World co – ordinate system and User co – ordinate system used in CAD. **07**

Q-5. (a) What do you mean by 2D graphics transformations? Add a note on: **07**
‘ Geometric Transformations’.

(b) Write a short note on: ‘Frame buffer ’. **07**

OR

Q-5. (a) Define data mining. What are the issues in data mining. **07**

(b) Explain Shearing and reflection transformations. **07**
