Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE – SEMESTER – VI (NEW).EXAMINATION – WINTER 2016

Subject Code: 2162206 **Date: 26/10/2016**

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.**

Q.1	(a)	List out names of Input devices. Explain any four devices with sketch.	07
	(b)	List out names of Output devices. Explain any four devices with sketch.	07
Q.2	(a)	Explain printers with their types in brief.	07
	(b)	Give the names of displays used in computer. Explain those in detail.	07
		OR	
	(b)	Write note on plotters.	07
Q.3	(a)	What is vector? Write a note on types of co-ordinate system.	07
	(b)	Explain frame buffer in detail.	07
		OR	
Q.3	(a)	Explain different kinds of modeling in CAD. Add a note on Boundary Representation.	07
	(b)	Write a note on shearing transformation.	07
Q.4	(a)	Explain 3D graphic transportation.	07
	(b)	Write advantages and disadvantages of Computer Application in Mining.	07
		OR	
Q.4	(a)	Explain Digitizers and Joystick in brief.	07
	(b)	What is DBMS? Give the advantages and disadvantages of it.	07
Q.5	(a)	Write note on plane and co-ordinates.	07
	(b)	Write use of any DBMS package for programming related to mining activities.	07
		OR	
Q.5	(a)	Describe vectors pixels in brief.	07
	(b)	Explain line and circle generation algorithms.	07

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