

Roll No. ....

**2113**

**B. E. 4th Semester (I. T.)  
Examination – May, 2012**

**DATABASE MGT. SYSTEMS**

**Paper : CSE-202-E**

**Time : Three hours ]**

**[ Maximum Marks : 100**

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*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

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**Note :** Attempt any *five* questions out of eight.

1. Explain transaction, properties of transaction & life cycle of transaction with suitable diagram. 20
2. Explain hashing. Discuss various types of hashing with their features & also explain its merits & demerits.
3. Explain the difference between entity & attributes. How these can be represented & also explain its significance ? 20

4. Explain the meaning of constraints & also explain various types of constraints & dependencies. 20
5. (a) Explain with neat sketch distributed data processing. 10  
(b) Explain data mining. 10
6. (a) Explain the difference between network model & hierarchical model. 10  
(b) Explain data warehousing. 10
7. (a) Explain Relational Models. 10  
(b) Explain Integrity Constraints. 10
8. Write short notes on the following :
- (a) QBE & QLB, 10  
(b) What is DBA & its significance ? 10
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