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Roll no

3rd SEMESTER

MBA(Executive)

SUPPLEMENTARY EXAMINATION

FEB 2019

EKTM-04: Data Base Management

Time: 3:00 Hours

Max. Marks : 60

Note : All questions carry equal marks.
Assume suitable missing data, if any.

- Q.1 [a] What is a Transaction. Discuss its ACID Properties. 6 Marks
[b] Differentiate between Super key, Candidate Key, Primary Key and Foreign Key 6 Marks
- Q.2 [a] Differentiate between Network model and Hierarchal Model. 6 Marks
[b] Differentiate between NoSQL Databases from Relational Databases. 6 Marks
- Q.3[a] What is Lock-Based Protocol in Concurrency Control. 6 Mark
Explain Deadlock. 6 Mark
[b] Illustrate with example different types of joins. 6 Mark
- Q.4 Attempt Any two:
[a] Explain with example first normalization. 6 Marks
[b] Explain with example Second normalization. 6 Marks
[c] Explain with example Third normalization. 6 Marks
- Q.5 Attempt any two:
[a] Define data warehouse. Explain its properties. 6 Marks
[b] Explain different Data warehouse schemas. 6 Mark
[c] Describe with diagram Data Mart and Data Cube. 6 Marks

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