Code: 9A05401

B.Tech II Year II Semester (R09) Regular & Supplementary Examinations June 2014
DATABASE MANAGEMENT SYSTEMS
(Common to CSS, IT & CSE)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

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1 (a) What is meta data? Explain with example.
   (b) Differentiate between external model and internal model.

2 (a) What is a key? Explain various types of keys.
   (b) Explain briefly about one to one, one to many and many to many relations.

3   How the relationships within the relational database are established? Explain each with example.

4   Explain about all the SQL functions in advanced SQL with syntax and example.

5 (a) Explain join dependency.
   (b) Explain 5NF with an example.

6   Explain about:
   (a) Scheduler.
   (b) Uncommitted data.
   (c) Inconsistent retrieval.
   (d) Lost updates.

7 (a) Describe in detail about buffer management in recovery system.
   (b) What is log based buffering and database buffering? Explain.

8   Briefly explain about index selectivity.

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