

Code: 9F00301

MCA III Semester Regular and Supplementary Examinations April 2014

DATABASE MANAGEMENT SYSTEMS

(For 2009, 2010, 2011 and 2012 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 Explain the database systems.
- 2 (a) Discuss the entity relational model.
(b) Explain database design challenges.
- 3 (a) Explain integrity rules.
(b) Explain the Codd's database rules.
- 4 Explain advanced data definition commands.
- 5 Explain the normalization process.
- 6 (a) Discuss the concurrency control.
(b) Explain database recovery management.
- 7 (a) Explain the buffer management.
(b) Explain advanced recovery techniques.
- 8 Discuss the Indexed Sequential Access Methods (ISAM).
