

Code: 9F00301

MCA III Semester Regular & Supplementary Examinations January 2015

DATABASE MANAGEMENT SYSTEMS

(For students admitted in 2009, 2010, 2011, 2012 & 2013 only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions

All questions carry equal marks

- 1 Differentiate DBMS with file systems.
- 2 (a) Explain entity relationship model.
(b) Write a brief note on data modeling checklist.
- 3 (a) Explain about integrity rules.
(b) Explain about data dictionary.
(c) Discuss about Codd's relational database rules.
- 4 (a) Explain data definition commands with syntax and examples.
(b) Explain about relational set operators.
- 5 Discuss higher level normal forms.
- 6 (a) Explain locking methods.
(b) Explain multiple granularities.
- 7 Discuss remote backup systems.
- 8 Discuss the indexed sequential access methods (ISAM).
