

Code: R7220505

B.Tech II Year II Semester (R07) Supplementary Examinations May/June 2016

DATABASE MANAGEMENT SYSTEMS

(Common to CSE & IT)

(For 2008 Regular admitted batch only)

Time: 3 hours

Max. Marks: 80

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the differences between files system and database system?
(b) What are the applications of database system explain?
(c) What are database languages and explain?
- 2 (a) Explain about attributes and entity sets.
(b) Explain in detail about relationships and relationships sets.
- 3 (a) Explain about enforcing integrity constraint over relations.
(b) Explain in detail about expressive power of algebra and calculus.
- 4 (a) Explain in detail about nested queries.
(b) Explain about aggregate operators.
- 5 (a) Define BCNF. How does BCNF differ from 3NF? Explain with an example.
(b) Explain 3NF. Give one example.
- 6 (a) Explain about time stamp based protocols.
(b) Explain about multiple granularity.
- 7 (a) Explain in detail about log based recovery.
(b) Explain about remote backup system.
- 8 (a) Explain about file organization and indexing.
(b) Explain about hash based indexing.
