

IV B.Tech II Semester(R07) Advanced Supplementary Examinations, May 2011
MULTIMEDIA DATABASES
(Information Technology)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions
questions carry equal marks

1. Make a comparison of different multidimensional data structures.
2. (a) Discuss in detail various image processing paradigms.
(b) Explain how image DB is represented with R-trees.
3. Explain various retrieval techniques for Text/Document database.
4. (a) Explain how to Query for the content of video libraries?
(b) Discuss the general model of audio data.
5. (a) With a neat diagram explain the architecture of multimedia data base.
(b) Discuss the concept of Query Relaxation/Expansion.
6. (a) List and explain the objects in multimedia presentations.
(b) What are the spatial constraints in distributed multimedia presentations?
7. (a) Explain how to extend ER model pictograms with examples.
(b) Write note on object oriented data model with UML.
8. Explain how SQL is extending for spatial data with examples.
