Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 09

B.Tech.(IT)(E-I 2011 Onwards)   (Sem.–6)
MULTIMEDIA DATABASES
Subject Code : BTIT-902
Paper ID : [A2356]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

Q1. Define the following :

a) OODB

b) Quadtrees

c) Data Structures

d) Raw Images

e) Word Stems

f) UML

g) Frequency Table

h) Indexing

i) Constraints

j) ER Model

SECTION-B

Q2.   Explain in detail Precision and Recall in Text Databases.

Q3.   Describe the procedure of Image Processing.

Q4.   How to organize content of a Single Video?

Q5.   Explain models of Spatial Information.

Q6.   How ER model is extended with spatial concepts?

SECTION-C

Q7.   How to represent Image Databases with R-Tree?

Q8.   Give examples of queries that emphasis spatial data.

Q9.   Explain the concept of Multimedia Data Structures in detail.