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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**

**M.Code : 71176**

**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) Point Quadtree
- b) Trees
- c) Segmentation
- d) Precision
- e) Abstraction
- f) TV-Tree
- g) Video Standards
- h) UML
- i) Frequency Table
- j) Spatial Data



### SECTION-B

- Q2. Compare MX-Quadtree and R-Tree.
- Q3. How ER model is extended with spatial concepts?
- Q4. Discuss the process of Video Segmentation.
- Q5. Write a note on Temporal Presentation Constraints.
- Q6. Explain Querying content of video libraries.

### SECTION-C

- Q7. Describe the architecture of Multimedia Database in details.
- Q8. Discuss the process of extending the SQL for spatial data.
- Q9. Describe how to create distributed multimedia presentations.

**NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.**