Section 4

Handout 9 :

1. Write a brief note on the following data manipulation functions pertaining to multimedia query processing :
   1. Object editing
   2. Browsing
   3. Filtering
   4. Transaction Management
   5. Update processing
   6. Query processing
2. Outline the supports provided by the SQL query language in relation to multimedia queries.
3. Outline the user interface issues pertaining to query languages for multimedia data types.

Handout 10 :

1. Discuss the use of access methods and indexing for the efficient management of multimedia storage.
2. Differentiate between the following storage methods :
   1. Single disk storage
   2. Multiple disk storage
3. Detail the use of disk striping as a storage method for multimedia data.
4. Discuss each of the following in relation to multimedia storage management:
   1. Access methods
   2. Indexing
   3. Single disk storage
   4. Multiple disk storage
   5. Disk striping

Handout 11 :

1. Discuss the components of a Distributed Multimedia Database System.
2. Outline the role of the DMP and its components. Supplement your answer with an illustration.
3. Discuss the steps involved in designing a multimedia distributed database.
4. Discuss the role of the following in a multimedia distributed environment :
   1. Query Processing
   2. Transaction Management
   3. Metadata Management
   4. DB Security
   5. DB Integrity
   6. Interoperability and Migration
5. Discuss the role and function of the following in relation to MM-DBMSs :
   1. Multimedia Data Warehousing.
   2. Role of multimedia networks for distributed multimedia data management.