

St.JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI-119
St.JOSEPH'S INSTITUTE OF TECHNOLOGY, CHENNAI-119

DEPARTMENT OF INFORMATION TECHNOLOGY

IT6701 INFORMATION MANAGEMENT

Assignment –I

Part - A

1. Define Database design.
2. What do you mean by Conceptual data modeling and logical database design?
3. What are the three components of the Relational Data Model?
4. Define Business Rules.
5. Define Database Connection Manager.
6. Define Stored Procedures and give its advantages.
7. What are the four core capabilities of Big Data Platform?
8. Define MapReduce.

Part – B

1. Explain about the Database Modelling with a sample ER Diagram.
2. Discuss in detail about the Business rules.
3. With an example discuss how to connect to a database from a Java application.
4. Explain the following Big Data systems
 - a. NoSQL
 - b. Hadoop HDFS