



Yashoda Shikshan Prasarak Mandal's
YASHODA TECHNICAL CAMPUS, SATARA
An Autonomous Institute
FACULTY OF ENGINEERING
Department of Computer Science and Engineering

Assignment No 1

Sr. No	Questions
1	Explain the problems that arise when database applications are developed directly on top of file systems.
2	Explain the two-tier and three-tier architectures of DBMS with suitable schematic diagrams. Give at least one example of each.
3	Draw and explain the symbols used in an ER Diagram. Draw an ER Diagram for a Library Management System.
4	Illustrate the characteristics of a database system. How is a database system different from a traditional file system?
5	Explain the key constraints used in a database system with suitable examples.
6	What is a weak entity? Explain with a suitable ER diagram.
7	Explain Generalization and Aggregation in the Extended ER Model.
8	Explain the reduction/mapping of an ER Diagram into relational tables.