BAPATLA ENGINEERING COLLEGE :: BAPATLA
Department OF Information Technology
Assignment-I Question Paper

Sub: DBMS (18IT403)　　　　　Class: 2/4 B.Tech.　　　　Section: A& B　　　　Date: 5/5/2022

1 a) Define database and DBMS. Explain the characteristics of the database approach.	5M
b) Explain in detail about database actors.	5M
2 a) Explain advantages of the DBMS approach.	6M
b) Define data abstraction and data model. Explain about categories of data models.	4M
3 a) Describe the three schema architecture. Why do we need mappings b/w schema levels and explain with neat diagram?	5M
b) Explain DBMS languages and interfaces.	5M
4 a) Explain DBMS component modules and utilities.	5M
b) Difference between two-tier and three tier architecture with diagram	5M
5 a) Explain high level conceptual data models for database design.	5M
b) What is the difference between logical data independence and physical data independence?	5M