

KONGU ENGINEERING COLLEGE

Department of Computer Science and Engineering

Course Code & Name: 22CST41 & DATABASE MANAGEMENT SYSTEMS

Question Bank – Tutorial 1

Part - A

1.	Define DBMS	CO1	K1	2
2.	What are the three level of view?	CO1	K1	2
3.	Name any four applications of database	CO1	K1	2
4.	Define Physical Data Independence	CO1	K1	2
5.	What is Relational Data Model?	CO1	K1	2
6.	Define Data dictionary or metadata	CO1	K1	2
7.	Define abstraction	CO1	K1	2
8.	Write the syntax to define a table.	CO2	K1	2
9.	List the different types of SQL commands	CO2	K1	2
10.	Differentiate Truncate and Drop command in DDL	CO2	K2	2
11.	Define Primary key	CO2	K1	2

Part - B

1.	Explain the different levels of view with neat diagram	CO1	K2	5
2.	Write Purpose of Database Systems or Identify disadvantages of file system	CO1	K2	5
3.	Write a DDL command to create a table product with product id, name, product description, quantity and unit cost. Incorporate the following constraints while creating the table. i. product id is the primary key, ii. quantity should be greater than or equal to 0 and iii. cost should be greater than 0. iv. Change the name of any existing attribute	CO2	K3	5
4.	Consider the following book schema is already created. book(ISSN, title, author, number_of_page, cost) Write a DDL command to i. delete number_of_page column ii. add a column publisher with appropriate data type iii. add primary key constraints to ISSN column iv. Change the data type of cost as number and add constraint to accept only cost >0 v. Change the column name number_of_page as pages	CO2	K3	5