1. What is a database? Explain briefly
2. Give example situations in which databases are used.
3. What is a database management system (DBMS)?
4. Give example DBMS available
5. Compare and contrast different Data storage mechanisms

6. a) What is known as the ANSI/SPARC model? Give another name for the ANSI/SPARC model.

b) Draw the Three Schema Architecture. Name the three schemas.

c) Briefly explain the 3 schemas.

d) What is the advantage of having the three schema architecture?

e) What do you mean by logical data independence and physical data independence?

7. ‘Sri Lankan Airline is the national carrier’.

a) What are possible data required by an airline system?

b) Is it necessary for them to use a DBMS?

8. Think of a DB of a bank.

1. What type of data would they store in their database?
2. In the three schema architecture where would you put details about above data?
3. In the three schema architecture which schema describes details about the type of file organization used to store the above data?

d) What is the advantage of using a DBMS for a bank?

\*\*End of the Tutorial\*\*