Assignment-1

Unit-1: Introduction to DBMS

Q: 1 Answer the following questions.

1. Define: DBMS.
2. What is main role of DBA?
3. Define: Instance and Schema.
4. Write advantage of database system.
5. What is data dictionary?
6. Write any one difference between traditional file processing system and database system.
7. List out purpose of DBMS.
8. Who is DBA?
9. _____ is data about data.
   - A. Data Type
   - B. Data item
   - C. Meta data
   - D. Information
10. The _____ knows the details of data storage.
    - A. Decision support system analyst
    - B. Database administrator
    - C. Database Manager
    - D. Transaction Manager
11. Define: 1. Data   2. Entity
         3. Meta data   4. Data warehouse

Q: 2 Explain tasks of DBA (Database administrator). [3]

OR

Q: 2 What are main function/role of DBA? [4]

Q: 3 Explain disadvantage of conventional file based system compared to database management system. [7]

Q: 4 Draw and explain three layer architecture of DBMS. [7/4]

Q: 5 Explain steps of query processing with help of neat diagram. [7]

Q: 6 Describe significant difference between a file processing system and DBMS. [4]

Q: 7 Briefly explain application of DBMS. [3]

Q: 8 Explain database management system architecture with proper diagram. [7]

Q: 9 How is DBMS better than file management system. [4]

OR

Q: 9 Write advantages of DBMS. [4]

Q: 10 Explain different types of database users. [3]

Q: 11 Write advantage of conventional file based system. [3]