

Assignment 1

Note: For Assignment 1, attempt any 10 questions from Unit-1

Deadline: Baisakh 23,2080

Unit 1

1. What is database? How it is differ from traditional file system?
2. What are the advantages of a database system? What are the various cost and risk factors involved in implementing a database system?
3. What do you understand by the term data abstraction?
4. Write down advantages and disadvantages of flat file system.
5. What are the application areas of flat file system? Explain.
6. Discuss the various areas in which database system is used.
7. Who is DBA? List the various responsibilities of DBA.
8. What are the different types of database users who interact with the database system?
9. What are the responsibilities of DBA? Explain.
10. Describe different types of database users.
11. Explain the various functional components of a DBMS with the help of a suitable diagram.
12. Differentiate between DBMS and RDBMS.
13. What are the application areas of database system? Explain.
14. What is data? How it is differ from information? Explain.
15. Differentiate between database system and flat file system.
16. Define terms data, information, database, DBMS and database system.
17. Discuss the major disadvantages of database system.
18. Explain database hierarchy with suitable example.
19. What do you mean by data isolation? Explain.
20. Write down real Life examples of data, information, database and DBMS.