Q1. What is Data? Differentiate between data and information. [03]

Q2. Differentiate between File Management System and Database Management System. [04]

Q3. Define DBMS. Give examples of Database Management Systems. [02]

Q4. Draw and explain Database System environment. [03]

Q5. What is Data Dictionary? Explain types of Data Dictionary. [04]

Q6. How many types of database users are there?

Explain the roles / characteristics of any three types of users. [04]

Q7. Explain different types of database architectures with its advantage and limitation. [04]

Q8. Draw and explain the 3-tier ANSI-SPARC architecture in detail. [04]

Q9. Mention the advantages of using Three-Tier Architecture. [03]

Q10. What is data independence? Explain two kinds of data independence. [03]

Q11. What is data abstraction? Explain 3 levels of data abstraction in brief. [04]

Q12. Compare Relational Vs. Non-Relational DBMS [03]

OR Explain the benefits of RDBMS

Q13. Explain DBMS languages with examples. [03]

Q14. What is No-SQL? Give types of No-SQL Databases with examples. [04]

Q15. What are the components of DBMS? [04]