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]