**Assignments Questions on Concepts of DBMS and NoSQL**

Q.1) What is DBMS and Explain need of it?

Q.2) Explain 3 Tier architecture of DBMS.

Q.3) Write short notes on: a) Generalization b) Aggregation

Q.4) Explain structure of Relational database and its different types of keys?

Q.5) Explain Codd’s rule in details?

Q.6) What is DDL and DML in SQL? explain with examples.

Q.7) Explain various Functional dependencies in details?

Q.8) What is Normalization explain with example?

Q.9) Explain Log based recovery with examples?

Q.10) Explain Remote backup system?

Q.11) Explain Recovery and atomicity?

Q.12) Explain various database security issues?

Q.13) What is No SQL database? Explain its various type?

Q.14) What is the need of NoSQL database explain with example?

Q.15) Explain NoSQL architecture in details?

Q.16) Write short notes on: a) Replication and Sharding

Q.17) What is Key-value store in NoSQL database?

Q.18) Explain Query features in NoSQL database?

Q.19) Explain NoSQL database development tools?

Q.20) What is Graph database?