Q.1.   Write answers for any two questions from below. (5 marks each – Word limit – 500)

A.   What is SAX? What are the advantages and disadvantages of SAX?

B.   What are the main software modules of DDBMS? Discuss the main functions of each of these modules in context to client-server architecture.

C.   What is the difference between persistent and transient objects? How is persistence handled in typical object-oriented database system?

Q.2.   Write short notes on all of the following topics (1 mark each - Word limit - 100)

A.   Virtualization

B.   Explain the following advantages of NoSQL:

C.   Write the features of SOAP.

D.   Centralized Database

E.   Explain Snowflake schema and Star schema. How they are different and similar to each other?

Q.1.   Write answers for any two questions from below. (5 marks each – Word limit – 500)

A.   Differentiate between Star schema and Snowflake schema.

B.   Explain the process of designing data warehouse.

C.   What are the different issues in Data Servers?

Q.2.   Write short notes on all of the following topics (1 mark each - Word limit - 100)

A.   Client Server Architecture and Peer to Peer Architecture

B.   Explain ORDBMS and OODBMS.

C.   Cloud Based Server

D.   Non-Volatile storage

E.   Revoke Statement