



NATIONAL OPEN UNIVERSITY OF NIGERIA
Department of Library and Information Science
Faculty of Education
2025_2 EXAMINATIONS

COURSE TITLE: DATABASE DESIGN AND MANAGEMENT

COURSE CODE LIS 318

CREDIT LOAD: 2 UNITS

TIME ALLOWED: 2 HOURS 15 MINUTES

INSTRUCTION: ANSWER THREE (3) QUESTIONS IN ALL. .

QUESTION ONE IS COMPULSORY AND CARRIES 30 MARKS, WHILE THE OTHER QUESTIONS CARRY 20 MARKS EACH

QUESTION ONE . 30Marks

- (i) In clear terms define data and give three examples of data **10Marks**
- (ii) Databases are of paramount importance in libraries: Discuss five of its importance **10Marks**
- (iii) Give five examples of databases and its characteristics. **10Marks**

QUESTION TWO

Discuss at least five basic skills necessary to be possessed by a database manager in the 21st century **10Marks**

- b) Explain cloud based databases and discuss any five difficulties encountered while managing it **10Marks** .

QUESTION THREE.

3(a) Discuss any five types of databases used in the library and information centers. **10Marks**

3(b) Discuss any five components of a Database System. **10Marks**

QUESTION FOUR

(a) Discuss at least three five steps involved in designing a database. **10Marks**

(b) Explain any five sources of database Failure. **10Marks**

QUESTION FIVE

The structured query language server must be maintained and regulated and one of the tools for such is called “The maintenance plan wizard”. Explain in details five activities this tool can generate for maintaining SQL. **20Marks**