



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2009/2010

INSTITUTE OF OPEN LEARNING

EXAMINATION FOR THE DEGREE OF BACHELOR OF LIBRARY AND
INFORMATION SCIENCE

BLIS 311: DATABASE MANAGEMENT SYSTEMS

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DATE: FRIDAY 23RD JULY 2010

TIME: 2.00 P.M. - 4.00 P.M.

INSTRUCTIONS

Answer any THREE questions.

1. a) Briefly explain the meaning of each of the following terms.
 - i) Entity relationship
 - ii) database
 - iii) database management system
 - iv) Entity
 - iv) Entity set
- b) Using a scenario of your choice, draw an entity relationship model of not less than four (4) entities.
2. Using appropriate examples, explain the purpose of the four components of a database management system.
3. A database system is the main solution for the problems facing information centres today. Discuss.
4. Using appropriate examples explain the purposes of data definition in the construction of databases.
5. Explain how you would apply database queries in the circulation section of a library.