NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
MARCH/APRIL 2016 EXAMINATION

SCHOOL OF SCIENCE AND TECHNOLOGY

COURSE CODE: **DAM461**
COURSE TITLE: **Statistics Database System.**

TIME ALLOWED: **3 Hours**
INSTRUCTION: Answer any four (5) questions.

1a. Outline the forms of maximum cardinality (4 marks)
1b. Explain Data and Information (4 marks)
1c. Explain the three(3) categories of data models   (6 marks)

2a. Mention six (6) advantages of the database management system(6 marks)
2b. Outline the eight (8) features and functionalities of Airport Statistical Data Management System(8 marks)

3a. Outline any six(6) of the components of database environment (6 marks)
3b. Outline with explanation any four (4) characteristics of database approach (8 marks)

4a. List and explain the three (3) levels of three-schema architecture. (6 marks)
4b. Mention six(6) benefits of Airport Statistical Data Management System   (6 marks)
4c. What is a database management system? (2 marks)

5a. List and explain the contexts of statistical database   (4 marks)
5b. Clearly explain the three (3) kinds of statistical database (6 marks)
5c. Mention the implications of using database in an organization (4 marks)

6a. Mention eight(8) flight data available for statistical analysis in Airport Statistical Data Management System (8 marks)
6b. Mention the functions performed with database system utilities (6 marks)

7a. Enumerate any four (4) of the general database naming convention   (8 marks)
7b. Explain the following: (6 marks)
  • Database Administrator(DBA)
  • Database designers
  • End users