NATIONAL OPEN UNIVERSITY OF NIGERIA
14-16 AHMADU BELLO WAY, VICTORIA ISLAND LAGOS
SEPTEMBER/OCTOBER 2015 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. Clearly explain the term database (3 marks)
1b. What is a database management system? (2 marks)
1c. Clearly outline the nine (9) functions of current generation database management system
            (9 marks)

2a. Outline with explanation any four (4) characteristics of database approach (8 marks)
2b. Mention six (6) advantages of the database management system   (6 marks)

3a. Outline the eight (8) features and functionalities of Airport Statistical Data Management
System(8 marks)
3b. Outline any six(6) of the components of database environment (6 marks)

4a.. What is a data model?   (2 marks)
4b. List and explain the three (3) levels of three-schema architecture. (6 marks)
4c. Mention the functions performed with database system utilities (6 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. Outline four(4) uses of Airport Statistical data management system (4 marks)

6a. Mention six(6) benefits of Airport Statistical Data Management System   (6 marks)
6b. Mention eight(8) flight data available for statistical analysis in Airport Statistical Data
Management System (8 marks)

7a. Mention the implications of using database in an organization (4 marks)
7b. Enumerate any five (5) of the general database naming convention   (10 marks)