NATIONAL OPEN UNIVERSITY OF NIGERIA
14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS
SCHOOL OF SCIENCE AND TECHNOLOGY
MARCH/APRIL 2014 EXAMINATION

COURSE CODE: DAM 461
COURSE TITLE: STATISTICAL DATABASE SYSTEM
TIME ALLOWED: 2^1/$_2$ HOURS
INSTRUCTION: ANSWER ANY FOUR QUESTIONS IN ALL

1a.   Define Database Management System.   *[7^1/$_2$ marks]*

1b.   Write short notes on any five (5) components of DB environment.   *[10 marks]*

2a.   Summariseany five (5) functions of a current generation DBMS.
      [7^1/$_2$marks]

2b.   Write short note on any five (5) flight data available for statistical analysis.   *[10 marks]*

3a.   Discuss the "The Database System Environment".   *[7 marks]*

3b.   State the Advantages of Using a DBMS.   *[10^1/$_2$ marks]*

4a.   Differentiate between Data Definition Language (DDL) and Data Manipulation
      Language (DML).
            [7 marks]

4b.   Describe the three-schema Architecture.   *[10^1/$_2$ marks]*

5a.   Highlight eight (8) Features and Functionalities of the STAT (Statistic).
      [8^1/$_2$marks]

5b.   List and explain the six (6) General Database Naming Conventions.   *[9 marks]*

6a.   Enumerate five (5) benefits of the Airport Statistical Data Management System.
       [7^1/$_2$ marks]
6b.   Differentiate between Data and Information.   *[10 marks]*