**NATIONAL OPEN UNIVERSITY OF NIGERIA**
PLOT 91 CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI, ABUJA
**FACULTY OF SCIENCES**
**DEPARTMENT OF COMPUTER SCIENCE**

**COURSE CODE: DAM 463**
**COURSE TITLE:  Health Data Management**
**COURSE CREDIT: 2 UNITS**
**TIME ALLOWED: 2 HOURS**
**INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER THREE (3) QUESTIONS**

**Question**

1a      (i) Briefly describe the terms health data in health care system.    *(3 marks)*
        (ii) State the two key principles to ensure data quality in collecting the health data   *(2 marks)*
        (iii) Outline the four categories of health data      *(4 marks)*
1b      (i) List the components of administration data in primary health data collection *(2 marks)*
        (ii) Itemize the significance of data extraction and transformation in Data Processing and Compilation
                                                                              *(4 marks)*
        (iii) What do you understand by *Classify data resources* for effective data organization and storage?
                                                                              *(3 marks)*
1c      (i) State the three major domains of health information    *(3 marks)*
        (ii) State the most well-known subject-based health information system   *(2 marks)*
        (iii) What is the main effort Electronic Medical Record?  *(2 marks)*

2a      Write short notes on the following segments of Clinical data: inpatient:   *(12 marks)*
        (i) Diagnostic    (ii) Medications
        (iii) Progress notes        (iv) Nursing notes
2b      Briefly explain the concept of classification in health data processing      *(3 marks)*

3a      What are the broad requirements of data processing in health data      *(6 marks)*
3b      Briefly explain the process of transformation of data to information.      *(9 marks)*

4a      Describe the procedures of data processing and compilation in health data        *(6 marks)*
4b      (i) Outline the standards that must be followed for effective data organization and storage *(6 marks)*
4b      (ii) Define Archiving in health data        *(3 marks)*

5a      What do you understand by information retrieval?        *(6 marks)*
5b      What are the composition of Individual records as used in Institution-based Sources *(6 marks)*
5c      State the uses of information at various levels of the health system        *(3 marks)*