

**National Open University of Nigeria**

**Plot 91, Cadastral Zone, Nnamdi Azikiwe Expressway, Jabi - Abuja**

**Faculty of Science**

**JULY, 2018 EXAMINATIONS**

**COURSE CODE: DAM463**

**COURSE TITLE:** Health Data Management

**CREDIT: 2 Units**

**TIME ALLOWED: 2 Hours**

**INSTRUCTION:** **Answer Question ONE (1) and any other THREE (3) Questions**

1. (a.) List and explain the three (3) major domains of health information **(9 marks)**

(b.) Enumerate how the whole process of data extraction and transformation adds significant value to the source data **(6 marks)**

(c.) Explain what you understand by “Health Data Representation and Coding”

**(6 marks)**

(d.) Outline the standards to be followed for effective data organization and storage **(4 marks)**

1. (a.)Health Data Management Lifecycle is in stages. List and briefly discuss four (4) stages **(10 marks)**

(b.) List out any six (5) clinical data segments required for an in-patient (5 marks)

1. (a.) Administrative data – can be divided into sections. Briefly discuss any four categories **(10 marks)**

(b.) List five (5) information a patient’s medical record provides **(5 marks)**

1. (a.) Describe the following terms:

i) Task-based health care systems **(3 marks)**

ii) Subject-based health care system **(3 marks)**

(b) List **five (5)** of the main benefits of the electronic medical record. **(5 marks)**

(c) List the features of the Laboratory information system. **(4 marks)**

1. (a.) Define the following terms

*Health care:*

Health care delivery system:

Data processing: **(3 Marks)**

(b.) Using a diagram only illustrate how data is transformed in Information using Framework and Standards for Country Health Information Systems **(8 Marks)**

(c.) Enumerate four (4) ways the whole process of data extraction and transformation adds significant value to the source data **(4 marks)**