COLLEGE OF HEALTH, AGRICULTURE & NATURAL SCIENCES
DEPARTMENT OF PUBLIC HEALTH AND NURSING

NSHI500 HEALTH INFORMATICS EXAMINATION

END OF SEMESTER EXAMINATIONS

NOVEMBER 2020

LECTURER: MR FELIX MADYA

DURATION: 24 HOURS

INSTRUCTIONS

Do NOT write your name on the answer sheet.

Answer (fully) any one question of your choice.

Begin your answer for each question on a new page.

Each full question carries 100 marks.

Font: Times New Roman, Font size 12, Line space: 2.0.

Credit is given for neat, well-written and lucid work.

QUESTION 1

Sitting examples of any government health institution of your own choice, discuss the key steps followed and challenges faced in setting up an electronic health information management system (100 marks).

QUESTION 2

2. Describe and thoroughly analyse the Health Information Architecture of the public health system of any low to medium income country (LMIC) (60 marks). Also provide recommendations for sustainability and quality improvement (40 marks)

QUESTION 3

3. Discuss the District Health Information System (DHIS2) and its implementation, drawing examples from at least 3 Sub Saharan African countries (100 marks)