

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF COMMUNICATION AND INFORMATION SCIENCE
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
BACHELOR OF SCIENCE (HONOURS) DEGREE IN LIBRARY
AND INFORMATION SCIENCE

PART I FIRST SEMESTER JULY 2013 SUPPLEMENTARY EXAMINATIONS

ILI 2107: INFORMATION MANAGEMENT IN THE HEALTH SERVICES

TIME: 3 HOURS

Instruction to candidates

1. Answer any four (4) questions.
 2. Each question carries 25 marks.
 3. Importance is attached to accuracy, clarity of expression and legibility of handwriting.
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1. Discuss the different components of a National Health Information System. [25 marks]
2. Critically discuss how ICTs have affected the role of medical librarians. [25 marks]
3. Discuss in detail how health data is gathered clearly stating all the necessary documents. [25 marks]
4. Evaluate the following approaches used in the design of computerised health information systems:
 - i. Prototyping [5 marks]
 - ii. Insourcing [5 marks]
 - iii. Outsourcing [5 marks]
 - iv. End-user programming [5 marks]
 - v. Application software packages [5 marks]
5. Discuss data security controls that must be in place in a health information system. [25 marks]
6. Discuss the different types of hospital information systems and indicate how each contributes towards the improvement of the health status of a nation. [25 marks]

END OF PAPER