



**NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY
FACULTY OF HEALTH AND APPLIED SCIENCES**

DEPARTMENT OF HEALTH SCIENCES

QUALIFICATION: BACHELOR OF HEALTH INFORMATION SYSTEM MANAGEMENT	
QUALIFICATION CODE: 08BHIS	LEVEL: 6
COURSE CODE: PHS611S	COURSE NAME: POLICY IN HEALTH INFORMATION SYSTEMS
SESSION: JUNE 2019	PAPER: THEORY
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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INSTRUCTIONS
<ol style="list-style-type: none">1. Answer ALL the questions.2. Write clearly and neatly.3. Number the answers clearly.

THIS QUESTION PAPER CONSISTS OF 3 PAGES (Including this front page)

SECTION A [20 MARKS]

QUESTION 1:

[20 MARKS]

1. Assess the following statements and decide whether they are **true or false**. In your answer booklet write only the number of the question and next to it **true for a true statement and false for a false statement**. 2 mark for each question.
 - 1.1 Digital fingerprints are tools used to check data alteration. [2]
 - 1.2 Licensure is the process that gives a facility legal approval to operate. [2]
 - 1.3 The Health Insurance Portability and Accountability Act established in 2006. [2]
 - 1.4 Tripwire is an example for malware. [2]
 - 1.5 PACS assign rights and privileges of users to access certain resources. [2]
 - 1.6 The Health Record is not a legal Document. [2]
 - 1.7 Phishing is a tool used to protect the patient information in Cybercrime. [2]
 - 1.8 Switched networks technique is used to protect confidentiality of data. [2]
 - 1.9 E-prescribing provide a longitudinal prescription record. [2]
 - 1.10 First recorded cybercrime took place in the year 1820. [2]

SECTION B [40 MARKS]

QUESTION 2:

[40 MARKS]

- 2.1 Outline the National eHealth Strategy of Malawi. [10]
- 2.2 Describe the various categories of organizational threats in Cybercrime. [5]
- 2.3 Discuss any five (5) actions used to Manage Hospital Cybersecurity Risks. [10]
- 2.4 Define cyberbullying. Briefly explain on its adverse effects. [10]
- 2.5 Explain any challenges in implementing HIS. [5]

SECTION C [40 MARKS]

QUESTION 3:

[40 MARKS]

- 3.1 Summarize the DICOM Standard used to manage Medical Imaging and Technology alliance. [20]
- 3.2 Elaborate any ten (10) Health Privacy Principles of HRIP Act. [20]

Total 100

GOOD LUCK!!!!