NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF HEALTH, APPLIED SCIENCES, AND NATURAL RESOURCES
DEPARTMENT OF HEALTH SCIENCES

QUALIFICATION: BACHELOR OF SCIENCE IN HEALTH INFORMATION SYSTEM MANAGEMENT	
QUALIFICATION CODE: 07BHIS	**LEVEL**: 5
COURSE NAME: LEGISLATION AND ETHICS IN HEALTH INFORMATION MANAGEMENT	**COURSE CODE**: LET521S
DATE: NOVEMBER 2022	**PAPER**: THEORY
DURATION: 3 HOURS	**MARKS**: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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THIS QUESTION PAPER CONSISTS OF 3 PAGES
(INCLUDING THIS FRONT PAGE)

INSTRUCTIONS

1. Read the questions and instructions carefully
2. Answer **All** the questions
3. Write neatly and clearly
4. Begin each question on a separate sheet of paper and number the answers clearly

SECTION A (50 MARKS)

QUESTION 1 (20)

1.1. Indicate which of the following statements is **TRUE** or **FALSE**. A mark for each answer.

1.1.1 Spyware is used for the purpose of secretly gathering data on an unsuspecting user.

1.1.2 Application standards indicate the type of information included in a document and also the location of the information.

1.1.3 Solitude is not an individual's right.

1.1.4 Personal health information is subject to a legal privilege.

1.1.5 Trip ware is also known as checksums.

1.1.6 Respecting the inherent dignity and worth of every person is an ethical principle of AHIMA.

1.1.7 The Supreme Court is headed by a Judge President.

1.1.8 Vicarious liability is the responsibility and accountability of individuals for their own actions or inactions.

1.1.9 Withholding treatment refers to the decision of the patient, her family, or her legal guardian to refrain from giving permission for care.

1.1.10 Civil registration is an example of a population-based approach of data sources.

1.1.11 Mobile health allows medical sensors to send patient data to healthcare professionals.

1.1.12 The term "http://indicates the secure section of the website.

1.1.13 The constitution is not the supreme law of Namibia.

1.1.14 The deluded belief you suffer from all the diseases featured on the internet cyberstalking.

1.1.15 Hashing is a method of maintaining data integrity.

1.1.16 Health defines the prevention, treatment, and management of illness.

1.1.17 Medical transcription ensures that all health records are properly diagnosed according to the ordered procedure.

1.1.18 Service records are institution-based approaches of data sources.

1.1. 19 Cyber-trespassing involves accessing computer infrastructures that do not belong to the individual.

1.1.20 Virtue framework identifies character traits to motivate individuals in each situation they find themselves.

QUESTION 2 (30)

2.1 Define the following terms as used in Health Information Systems Management:

2.1 Autonomy	(4)
2.2 Liability	(5)
2.3 Interoperability	(4)
2.4 informed consent	(4)
2.5 Health policy	(3)

2.6 Law is rooted in tradition, culture, customs and beliefs. Name and describe the (10) different sources of law in Namibia.

SECTION B (30 MARKS)

QUESTION 3 (30)

3.1 Enumerate safeguard standards of the Health Insurance Portability & (10)
    Accountability Administrative act.

3.2 Summarise the tools required to maintain health information security and privacy. (10)

3.3 Clarify the measures to protect and secure COVID-19 data to a group of first-level (10)
    data entry clerks who were given tablets as a data collection tool.

SECTION C (20 MARKS)

QUESTION 4 (20)

4. Euthanasia usually happens when there is visible deterioration in the quality of life of a patient and no end to unbearable pain. Differentiate between the following terms of euthanasia:

4.1 Active Euthanasia (2)
4.2 Passive Euthanasia (2)
4.3 Living will (2)

4.4. "Robot arm breaks an 8-year-old boy's wrist at a chess tournament in Rundu", Imagine you are the leader of a task force assigned to correct the problems uncovered by this accident, briefly describe how you will go about solving this dilemma. (8)

4.5 Enumerate the components of the Namibian healthcare system. (6)

TOTAL: 100 MARKS

All THE BEST!