UNIVERSITY OF ESWATINI

Faculty of Science and Engineering

Department of Computer Science

MAIN EXAMINATION

<u>May 2019</u>

<u>Tittle of Paper:</u> INFORMATION TECHNOLOGY LAW AND ETHICS

<u>Course Code:</u> CSC262

<u>Time Allowed: 3 Hours</u>   <u>Total Marks:</u> 100

<u>Instructions to Candidates:</u>

This Question Paper Consists of FIVE (5) Questions. Answer All the FIVE (5) Questions.

Marks are indicated in Square Brackets.

NB: You are not allowed to open this examination paper until permission has been granted by the invigilator

QUESTION ONE   20 MARKS

a. What is ethics? Distinguish between law and ethics   [5 Marks]
b. Define the term trademark and explain the **THREE** main qualities it must meet in
   order to be registered.   [8 Marks]
c. Explain in details why computer crimes are difficult to prosecute.   [5 Marks]
d. In relation to I.T security explain what you understand by Cyber terrorism? [2 Marks]

QUESTION TWO   20 MARKS

a. Explain **THREE** methods of protecting intellectual property   [9 Marks]
b. Computer professionals are the best-qualified advocates of the law for changing old
   laws and creating new ones regarding computers. Explain **THREE** ways in which
   laws will help a computer practitioners   [6 Marks]
c. What is computer-generated evidence? Identify any **FOUR** different types of
   computer-generated evidence.   [5 marks]

QUESTION THREE   20 MARKS

a. Briefly explain any **FOUR** Crimes that use computer networks or devices to advance
   other ends.   [4 marks]
b. Explain the difference between a policy and a law.   [4 Marks]
c. Briefly explain the difference between real evidence and demonstrative evidence
   presented in any court of law.   [4 marks]
d. Briefly explain the Confidentiality and Availability objectives of information
   technology security.   [4 marks]
e. There are different types of plagiarism. List any **FOUR**.   [4 marks]

QUESTION FOUR   20 MARKS

a. Explain the difference between a data owner and a data custodian?   [4 marks]
b. List any **FOUR** types of intellectual property that one can have   [4 marks]
c. Briefly explain what is a non-disclosure agreement   [4 marks]
d. What is the different between Unilateral and Bilateral NDAs   [4 marks]
e. Discuss any **FOUR** Commandments of Computer Ethics   [4 marks]

QUESTION FIVE   20 MARKS

a. Ethical actions can help us identify issues involved in professional situations so that
   we can make reasoned judgments. Explain the steps in making ethical considerations
   or choices   [10 Marks]
b. For a policy to become enforceable, it must meet the FIVE different criteria. List them
                                                                    [5 Marks]
c. Explain FIVE different Types of Laws   [5 Marks]