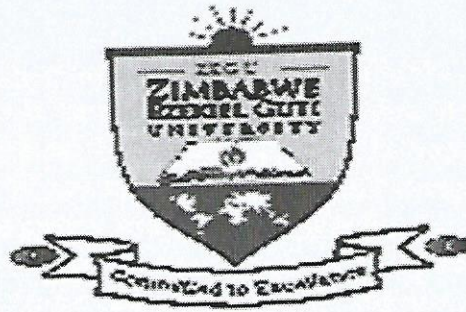


ZIMBABWE EZEKIEL GUTI UNIVERSITY



FACULTY OF HEALTH, SCIENCE AND TECHNOLOGY

Department of Digital Technology

Module: CDT113 Computer Ethics

Exam Duration: 3 hours

End of Semester Examination 2019

4 June 2019

Instructions

- (i) The mark allocation for each question is shown in square brackets
- (ii) The total marks for the examination is 100.
- (iii) The examination consists of two sections, Section A and Section B.
Answer all questions in Section A and answer any two questions in
Section B

Section A [50 marks]- answer all the questions

Question 1

Although the humble beginning of cyber-ethics took place in the late 1940s, the evidential beginning of computer ethics can be traced back to 1950 when Norbert Wiener published a book entitled, "The Human Use of the Human Beings". The book laid down the basics of computer ethics and Norbert Wiener became the father of "Computer Ethics". In the mid-1960s, the illegal use of computers had been investigated by Don Parker, a computer scientist. Parker says that "it seemed that when people enter the computer centre, they leave their ethics at the door". Examples of computer crime and other illegal computer-related activities were also collected by Parker. In 1968, Parker published a piece named "The Rules of Ethics in Information Processing" which then led to the development of the first code of Professional Conduct of the Association for Computing Machinery.

- i) Critically examine what is meant by this statement in relation to computer ethics, "it seemed that when people enter the computer centre, they leave their ethics at the door". [25 marks]
- ii) Explain some of the ethical rules for Information Technology professionals. [25 marks]

Section B [50 marks] –answer any two questions

Question 2

A student recently visited a friendly professor during his office hours. The professor decides he needs a cup of tea and so after welcoming the student, the professor excuses himself. The student notice that the professor laptop is unlocked and the student can see the first page of the resit paper that the student is about to take. The student is highly anxious and will be thrown off the course he fails.

Discuss the issue above with the aid of the following.

- i) Computer Misuse Act. [10 marks]
- ii) Data Protection Act. [10 marks]
- iii) Freedom of Information. [5 marks]

Question 3

Jordan is working as a Business Analyst. One afternoon when browsing through the desktop files, he realises that his supervisor installed desktop sharing application on his computer in order to monitor his workplace activity. Jordan never got notified about the software installation and he believes that such actions demonstrate lack of faith in his ability to work professionally. On the other hand, the supervisor is convinced that he is entitled to monitor workplace activities of his staff member.

Identify the ethical issues raised in this scenario, support your answer using an ethical theory of your choice. **[25 marks]**

Question 4

- i) Discuss how a company should build internal policies to address the needs of whistle-blowers. **[13 marks]**
- ii) Explain the factors that can make a whistle-blower lose legitimacy in the eyes of viewers. **[12 marks]**

.....End of Paper.....