KISII UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF THE CERTIFICATE IN INFORMATION SCIENCE

SECOND SEMESTER 2023/2024
[JAN – APRIL, 2024]

CLIS 111: ETHICS FOR INFORMATION WORK

STREAM: Y1 S2   **TIME: 2 HOURS**

DAY: TUESDAY, 12:00 - 2:00 P.M.   **DATE: 19/04/2024**

INSTRUCTIONS

1. *Do not write anything on this question paper.*
2. *Answer question ONE (Compulsory) and any other TWO questions.*

QUESTION ONE

a) What do you understand by the following terms   [10 marks]
   i.   Ethics
   ii.   Software patent
   iii. Integrity
   iv.   Identity theft
   v.   intrusion detection system (IDS)
b) Discuss advantages having a trade secret, as compared to a copyright or a patent
                                                                     [4marks]
c) What is the difference between risk assessment and an IT security audit?
                                                                     [4 marks]
d) State some of the characteristics of a high-quality software system
                                                                     [5 marks]
e) Discuss key privacy and Anonymity issues   [6 marks]
f) Explain what you understand by the term malicious software   [2 marks]

QUESTION TWO

a) Why Fostering Corporate Social Responsibility and Good Business Ethics Is Important   [10 marks]
b) Explain what trends have increased the risk of using information technology in an unethical manner?   [10 marks]

QUESTION THREE

a) What key characteristics distinguish a professional from other kinds of workers?
[5 marks]
b) What are the most common types of computer security attacks?   [5 marks]
c) What does the term intellectual property encompass, and why are organizations so concerned about protecting intellectual property?   [10 marks]

QUESTION FOUR

a) What are some of the key ethical issues associated with the use of social networking Web sites?   [10 Marks]
b) Do you think that ethics training can really be effective in changing the behavior of employees? Why or why not?   [5 marks]
c) Why and how are employers increasingly using workplace monitoring?
[5 marks]

QUESTION FIVE

a) What are the major cause of poor software quality   [5 marks]
b) Why do companies require high-quality software in business systems, industrial process control systems, and consumer products?   [10 marks]
c) Explain some of the Software Product Liability   [5 marks]