



JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

ICS 3112: Legal and Ethical Aspects of Computing

CONTINUOUS ASSESSMENT TEST

Required: ANSWER ANY TWO QUESTIONS (30 MARKS)

QUESTION ONE

- a) Distinguish between the following terms as they apply to ethics and professionalism:
 - (i) Ethical egoism vs. ethical altruism (2 Marks)
 - (ii) Patent vs. trademark (2 Marks)
- b) Explain **THREE** models that exist for licensing computer programs (6 Marks)
- c) Describe the procedure for ethical decision making (5 Marks)

QUESTION TWO

- a) Using relevant examples differentiate between the deontological and teleological theories (4 Marks)
- b) Discuss why computer use and information technology create ethical issues (5 Marks)
- c) Explain the benefits and challenges of applying copyrights and patents to software (6 Marks)

QUESTION THREE

- a) Laws and policies only deter if **THREE** conditions are present. Identify and briefly explain these conditions (4 Marks)
- b) Max was recently hired to supervise a large unit of a manufacturing company. He was informed that he is expected to increase the efficiency of the unit significantly. Max

decides to install a software system that allows him to monitor the computer of each employee in his unit. Discuss the ethical implications of companies monitoring their employees' activities during working hours. (6 Marks)

- c) Explain **FIVE** essential elements relating to conduct that identify a professional activity (5 Marks)