# MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR**

**SCHOOL OF SCIENCE AND INFORMATION SCIENCES**

**UNIVERSITY EXAMINATIONS FOR THE DEGREE OF
BACHELOR OF SCIENCE (COMPUTER SCIENCE)**

**FOURTH YEAR SECOND SEMESTER EXAMINATION**

**COURSE CODE: COM 421**

**COURSE TITLE: SOFTWARE AND ENGINEERING LAW**

**DATE: 18TH APRIL 2018          TIME: 8:30AM-10:30AM**

**INSTRUCTIONS**

Answer Question ONE and any other TWO.

## QUESTION ONE (COMPULSORY)

a) Code of ethics for computer professionals can fulfil a variety of functions. Explain five of them. **(5 marks)**

b) Discuss the following ethical theories:
- (i) Deontologism theory **(5 marks)**
- (ii) Utilitarianism theory **(5 marks)**
- (iii) Right based theory **(5 marks)**
- (iv) Relativism theory **(5 marks)**

c) Explain different ways protecting software against piracy.

**(5 marks)**

## QUESTION TWO

a) Discuss the function of trademarks in a firm. **(5 marks)**

b) Discuss the sections in the Kenyan constitution (2011) that address the issues in ICT sector. **(15 marks)**

## QUESTION THREE

(a) Kenya has made great strides in formulating and implementing policies and laws to govern the ICT sector. Discuss TWO of these laws or bills. **(10 marks)**

(b) Discuss the challenges facing the ICT environment in Kenya and measures taken to overcome them. **(10 marks)**

## QUESTION FOUR

a) Design a health and safety policy that can be employed in Maasai Mara University's computer lab. **(10 marks)**

b) One of the principles of data protection act is that "Personal data shall be processed fairly and lawfully. Discuss the conditions that must be met for data to be processed fairly. **(10 marks)**

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