



(KNOWLEDGE FOR DEVELOPMENT)

**KIBABII UNIVERSITY
(KIBU)**

**UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR**

SPECIAL EXAMINATION

FIRST YEAR SECOND SEMESTER

FOR THE DIPLOMA IN INFORMATION

TECHNOLOGY

COURSE CODE: DIT 062

**COURSE TITLE: PROFESSIONAL, LEGAL AND
ETHICAL ISSUES IN COMPUTING**

DATE: 19/10/2018 TIME: 3.00P.M – 5.00P.M.

INSTRUCTIONS

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE [24 MARKS]

- a. What is the distinction between :-
- i) Hackers
 - ii) Cracker
 - iii) Cyber stalking [6 marks]
- b. Using relevant examples differentiate between **computer Crime** and **cybercrimes**. [6 marks]
- c. Professionals belong to professional bodies which regulate and guide them on daily basis. In line with the above, discuss any two professional bodies that guide the IT Professionals. [6 marks]
- d. Explain the following concepts as used in Legal and ethical field :-
- i) A copy Left material
 - ii) Copyright infringement
 - iii) A copyrighted material and [6 marks]

QUESTION TWO [18 MARKS]

Outline the legal, ethical and professional issues as brought out in the case of “pornography on the deans desktop”.

- i. Outline of the incident [4 marks]
- ii. The dean [7 marks]
The technician [7 marks]

QUESTION THREE [18 MARKS]

- a) Explain the copyright law [2 marks]
 - b) Explain two condition a copyright must fulfil before registration. [4 marks]
 - c) Explain the guideline that will be applied to the following computer objects
- i. Protecting hardware
 - ii. Protecting the code
 - iii. Protecting source code software.
 - iv. Protecting document. [8 marks]

- d) Differentiate between a **trade mark** and a **license** and state the constraints attached to each.

[4 marks]

QUESTION FOUR [18 MARKS]

- a) Discuss three methods of protecting intellectual property [6 marks]
- b) State four justification why a license should be valid for a particular length of time? [4 marks]
- c) Discuss FOUR ways in which personal identities can be stolen and appropriate measures of how you can prevent the crime. [8 marks]

QUESTION FIVE [18 MARKS]

- a. Discuss the two competing approaches advanced by teleontologists and deontologists. [10 marks]
- b. Ethical issues are not sufficient enough to solve problems related to computing. This has led to IT Professionals to develop codes of ethics for their members. Briefly outline the roles of the codes of ethics to IT Profession. [8 marks]