



(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

**UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR**

**SPECIAL/SUPPLEMENTARY EXAMINATIONS
YEAR FOUR SEMESTER TWO EXAMINATIONS**

**FOR THE DEGREE OF BACHELOR OF SCIENCE
(COMPUTER SCIENCE & IT)**

COURSE CODE : CSC 423

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

DATE: 12/10/2018

TIME: 09:00 A.M - 11:00 A.M

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE [30 MARKS]

- (a) Discuss three impact of computer technology on communications and business diagnosis. [3 marks]
- (b) What are malicious programs? Describe three types of malicious logic programs [3 marks]
- (c) Give the key purpose of ICT in any given business and society. [3 marks]
- (d) List three ways in which employers and employees have been affected by computer technology? [3 marks]
- (e) Technology is a driver for economic growth and development. Explain in brief [3 marks]
- (f) Outline the ethical issues resulting from technological change [3 marks]
- (g) Briefly discuss the economic functions of the internet [3 marks]
- (h) Explain briefly what you understand by network society [3 marks]
- (i) How has ICT resulted to moral decay? [3 marks]
- (j) Discuss why the issue of computer privacy is such an important matter in our society today. [3 marks]

QUESTION TWO [20 MARKS]

- a) Using examples discuss the impact of ICT in different spheres of life; health care, educational system, communication, science and research [10 marks]
- b) What is knowledge economy? [2 marks]
- c) Discuss the critical prerequisites required for a nation to be able to fully participate in the knowledge economy. [8 marks]

QUESTION THREE [20 MARKS]

- a) What is ICT4D? [1 mark]
- b) Discuss briefly main goals of ICT to people living with disabilities. [4 marks]
- c) Briefly detail reasons why farmers who have access to ICT have much better lives than those who have no access to ICT. [5 marks]
- d) With the use of ICT in most spheres of the society, where does culture stand today? [5 mks]

QUESTION FOUR [20 MARKS]

- a) Giving examples, give the categories of computer crimes [4 marks]
- b) Excessive use of computers results to addiction. Discuss some of the computing practices that may be addictive and its impact to the work environment. [6 marks]

- c) Illustrate how ICT policies regulate usage and encourage ethical practices in the computing environment. [5 marks]
- d) Detail the different types of property covered by the intellectual property right [5 marks]

QUESTION FIVE [20 MARKS]

- (a) Discuss why the issue of computer privacy is such an important matter in our society today [5 marks]
- b) Social media has become a popular way for young people to meet these days. How does this contribute to social decadence and rate of divorce today? [5 marks]
- c) What are the dangers of buying goods online? [5 marks]
- d) The number of people working from home has increased in the recent past. What are the risks associated with people working from home? [5 marks]