(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS

YEAR ONE SEMESTER ONE EXAMINATIONS

FOR THE CERTIFICATE IN INFORMATION TECHNOLOGY

COURSE CODE :   ITC 010

COURSE TITLE :   ICT ESSETIALS

DATE: 09/10/2018   TIME: 3.00 PM – 5.00 PM

INSRUCTIONS TO CANDIDATE

ANSWER **QUESTION ONE** AND **ANY OTHER TWO**

QUESTION ONE (COMPULSORY) [24 MARKS]

(a) Briefly describe the following types of computer [4marks]
   i. Super computer
   ii. Microcomputer
   iii. Laptop
   iv. Mainframe computer

(b) Differentiate between RAM and ROM [4marks]

(C) Explain the main units of the central processing unit (CPU) giving their functions [6marks]

(d) Computers have evolved through many generations over the years. State and explain the six generations the computer have evolved through. [6marks]

(e) Text can be aligned in different ways to improve the appearance of a document. State two different kinds of paragraph alignment and for each give an example of its use [4marks]

QUESTION TWO [18MARKS]

(a) Describe five secondary computer storage devices [5marks]
(b) Explain the two types of computer software [4marks]
(C) Explain two functions of an operating system [4marks]
(b) Give five symptoms of computer viruses [5marks]

QUESTION TREE [18MARKS]

(a) Describe any five fields in which computer knowledge is applied [5marks]
(b) State and explain FOUR advantages of using computers [8marks]
(c) Describe how you will create a folder named ITC 010 on desktop and transfer a document stored in a flash to the created folder [5marks]

QUESTION FOUR [18 MARKS]

(a) An operating system executes many functions to operate efficiency. Explain four of its essential functions [8marks]

(b) Which of the software below would assist a salesman in recording daily sales for different items for which he needs totals among other analysis? [4marks]
   i. Spreadsheet
   ii. Database
   iii. Publisher
   iv. Word processors

(c) There are various ergonomics and health effects associated with the use of laptops. Cite any four. [4marks]

(d) what is the difference between hardware and software [2marks]

QUESTION FIVE [18MARKS]

(a) Describe the preparations made before setting up a new computer system [5marks]
(b) When acquiring an office computer system, state 4 key factors that will be considered when selecting between the various dealers who have submitted tenders [5marks]
(c) What is a network operating system [2marks]
(d) During supplier evaluation, which attributes should be given preference in the event suppliers tie. [6marks]