(KNOWLEDGE FOR DEVELOPMENT)

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR

SUPPLEMENTARIES/SPECIALS EXAMINATIONS

FIRST YEAR FIRST SEMESTER

FOR THE DIPLOMA IN INFORMATION

TECHNOLOGY

COURSE CODE: DIT 053

COURSE TITLE: INTERNET APPLICATION (SUPP)

DATE: 12/10/2018   **TIME: 11.30A.M. 1.00P.M.**

INSTRUCTIONS

ANSWER QUESTIONS **ONE** AND **ANY OTHER TWO**.

QUESTION ONE [24 MARKS]

a. Define the following terms:
   i.   Browser
   ii. Hypertext
   iii. Search engine
   iv. URL   [8marks]
b. Explain THREE types of domains.   [6 marks]
c. Explain THREE types of network topologies.   [6 marks]
d. Describe basic syntax of a HTML document.   [4 marks]

QUESTION TWO [18 MARKS]

a. Explain the following terms:
   i.   Internet
   ii. Intranet
   iii. Extranet   [6 marks]
b. State and explain services provided by the internet.   [6 marks]
c. Explain three functions of a web browser.   [6 marks]

QUESTION THREE [8 MARKS]

a. Explain the function of the following standard toolbar buttons in a web browser.

                                                                       [6 marks]

   i.   Back
   ii. Favorites
   iii. Home
b. Explain three major types of networks   [6 marks]
c. Explain the following data transmission modes.   [6 marks]
   i.   Simplex
   ii. Half duplex
   iii. Full duplex

QUESTION FOUR [18 MARKS]

a. State and explain THREE features of HTML   [6 marks]
b. Write HTML code for a table with the following data.   [6 marks]

Item	Quantity
Mangoes	4
Oranges	3
Lemon	7
Banana	12

c. State and explain factors to consider when designing a web page.   [6 marks]

QUESTION FIVE [18 MARKS]

a. Discuss social and moral issues associated with the use of internet   [8 marks]
b. Briefly discuss the history of the internet.   [4 marks]
c. Explain any THREE unethical issues associated with the use of internet.   [6 marks]