



*(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 013**

**COURSE TITLE : INTERNET APPLICATION**

**DATE: 17/01/2018**

**TIME: 9.00 – 11.00 AM**

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**INSTRUCTIONS TO CANDIDATE**

**ANSWER QUESTION ONE AND ANY OTHER TWO**

### QUESTION ONE (COMPULSORY) [24 MARKS]

- a) Define the following terminologies [4marks]
- i. Internet
  - ii. Network
  - iii. Browser
  - iv. Home page
- b) Discuss the five main features of an email. [5marks]
- c) ITC lecturer wants to enable students to communicate using computers on the internet. State five on-line services which would be available on the internet that students may utilize for their course work. [4marks]
- d) What are the important benefits brought up by the internet to the society? [5marks]
- e) Explain how you can advise one on choosing the right internet service provider.

[6marks]

### QUESTION TWO [18 MARKS]

- a) Describe briefly the architectural structure of the internet. [6marks]
- b) Define the term home page and state the features that defines a well-designed home page. [6marks]
- c) Describe the structure of an html page. [6marks]

### QUESTION THREE [18MARKS]

Mabonga a senior programmer wants to develop a website for KIBCOM organization to market its products.

- a) Which software will he require? [2marks]
- b) During the development he wished to include the following features on the web page [10marks]
- i. A moving text
  - ii. A red text
  - iii. A table
  - iv. A list of items numbered A, B and another list with bullets.
- c) Write down the html tags that will implement the above feature using your own examples. [6marks]

### QUESTION FOUR [18MARKS]

- a) State and Explain six common surfing problems that occur on the internet. [6marks]
- b) Create a table of two rows and two columns, use your own data for table headers and table data. [4marks]

c) Recommend one internet service provider that will assist the CEO to network easily.

**[2marks]**

d) Briefly describe features one would look into while selecting an ISP.

**[6marks]**

**QUESTION FIVE [18MARKS]**

a) Briefly discuss the challenges faced by internet users.

**[4marks]**

b) Define HTML and describe the basic the structure of a HTML document.

**[8marks]**

c) In today's society the internet has improved the means of communication. Explain the origin and history of internet.

**[8marks]**