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(Knowledge for Development)

KIBABII UNIVERSITY

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UNIVERSITY EXAMINATIONS

2021 / 2022 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS

YEAR ONE SEMESTER ONE EXAMINATIONS

FOR THE CERTIFICATE IN

(INFORMATION TECHNOLOGY)

COURSE CODE : ITC 013

COURSE TITLE : INTERNET APPLICATIONS

DATE: 25/01/2022 TIME: 8.00A.M. – 10.00 A.M.

INSRUCIONS TO CANDIDATE

ANSWER QUESTION ONE AND ANY OTHER TWO

QUESTION ONE (COMPULSORY) [24 MARKS]

- a) Define the following terms [6marks]
- i. Web browser
 - ii. Internet
 - iii. Dynamic website
- b) A staff from a neighboring firm was astonished on realization that after surfing the internet the previous day he found out that his files had mysteriously disappeared from the computer system.
- i) What would be the most likely problem on the computer system? [2marks]
 - ii) What would be the damages on this computer system if this problem is not solved at all? [4marks]
- c) Explain how do people use the internet [4marks]
- d) Describe the features of the www that makes the world a global village. [4marks]
- e) Discuss the problems that internet users experience [4marks]
- f)

QUESTION TWO [18MARKS]

- a. Yvonne is a business lady who wishes to have internet especially to sell and buy goods for her customers and to be known all over the world. How can you advice her on choosing the right IP adress [8marks]
- b. List four symptoms of the virus on a computer. [5marks]
- c. An organization wants to enable workers to communicate using computers on the internet. State **five** on-line services which would be available on the internet that could help workers with their work. [5marks]

QUESTION THREE[18MARKS]

- a) Despite the fact that email has much strength, it has also its weaknesses. Highlight four of these weaknesses. [4marks]
- b) Explain the origin and history of internet. [10marks]
- c) Give five common surfing problems that occur on the internet. [4marks]

QUESTION FOUR[18MARKS]

- a) Describe the following terms as used in internet applications. **[4marks]**
- i. HTML
 - ii. HTTP
 - iii. FTP
 - iv. URL
- b) What are the requirements for internet connectivity? **[10marks]**
- c) URL is referred to as a web address that connects the user to a particular website.
Explain using examples the two basic parts that a URL uses to accomplish this task. **[4marks]**

QUESTION FIVE[18MARKS]

- a) Discuss factors to consider in designing a successful website. **[14marks]**
- b) Internet is said to be organized in a client/Server Architecture. Explain the role of client and server in the internet. **[4marks]**