



(Knowledge for Development)

KIBABII UNIVERSITY

(KIBU)

UNIVERSITY EXAMINATIONS

2020/2021 ACADEMIC YEAR

SPECIAL/SUPPLEMENTARY EXAMINATIONS

YEAR ONE SEMESTER ONE EXAMINATIONS

FOR DIPLOMA IN

(INFORMATION TECHNOLOGY)

COURSE CODE : DIT 053

COURSE TITLE : INTERNET APPLICATIONS

DATE: 27/09/2021 TIME: 11.00 A.M.— .00 P.M.

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. Server
 - iv. Extranet
- b) List the five features of an E-mail **[5marks]**
- c) Lecturer in IT wants to enable students to communicate using computers on the internet. State **five** on-line services which would be available on the internet that could help students with their course work. **[5marks]**
- d) Explain any four 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) Discuss the important requirements for one to be connected to the Internet. **[6marks]**
- b) Define the term homepage and state the features that defines a well-defined homepage **[6marks]**
- c) Describe the structure of an HTML page **[6marks]**

QUESTION THREE [18 MARKS]

- a) Explain basic email address format using example **[6marks]**
- b) List and explain three types communication media **[6 marks]**
- c) By using drawings show how firewall works **[6 marks]**

QUESTION FOUR [18 MARKS]

- a) E-mail is frequently used as means of communication. Explain some of its advantages that make it popular. **[8marks]**

- b) Explain any four requirements for one to be connected to the internet. [6marks]
- c) Explain how Web Serve works and give examples [4marks]

QUESTION FIVE [18 MARKS]

- a) Discuss six common surfing problems that occur on the internet [6marks]
- b) A CEO from a neighboring company wants to network and go online and consults you on the costs to be incurred and the appropriate internet services provider. Advice on internet service providers and recommend one. [2marks]
- c) Briefly describe features one would look into while selecting an ISP. [6marks]
- d) Create a table of two rows and two columns, use your own data for table headers and table data. [4marks]