



SCHOOL OF PROFESSIONAL STUDIES

CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY

UNIT CODE: CIT 110, UNIT NAME: FUNDAMENTALS OF INTERNET

September – December 2018/2019 End Semester Exam - Time: 2 Hours

Instructions: Answer Question ONE (Compulsory) and any other TWO questions.

QUESTION ONE

- a) What is internet? Differentiate it from intranet and extranet. (6 marks)
- b) What is a protocol? Quote two examples of protocols commonly used in the internet. (4 marks)
- c) Discuss three advantages and three disadvantages of using email. (6 marks)
- d) Define the following terms: (5 marks)
 - (i) Spam
 - (ii) Cybercrime
 - (iii) Domain
 - (iv) Mail server
 - (v) Email
- e) Differentiate between absolute and relative URL. (2 marks)
- f) Differentiate between point to point and multipoint video conferencing. (2 marks)
- g) List at least five connection types to the internet. (5 marks)

SECTION B

QUESTION TWO

- a) What is an ISP? Quote two examples. (4mks)
- b) What is the work of modem in internet connectivity? (2mks)
- c) Differentiate between the use of BCC and CC in email communication. (4mks)
- d) An email address is essential for online communication. Discuss the different parts that constitute an email address. (5mks)

QUESTION THREE

- a) Which are the three protocols used in email communication. (3 marks)
- b) Differentiate between sign up and sign in. (4 marks)
- c) Differentiate between static and dynamic websites (4 marks)
- d) Differentiate between internet and world wide web(WWW) (4 marks)

QUESTION FOUR

- a) Define the following terms [10 marks]
 - i. Hit
 - ii. Search engine
 - iii. Uniform resource locator [URL]
 - iv. World wide web
 - v. Host
- b) Mutegi was revising for his internet exam and came across the following domains, quote what each stands for: (5 marks)
 - i. us
 - ii. mil
 - iii. za
 - iv. org
 - v. gov/go.ke

QUESTION FIVE

- a) Discuss three internet services. (6 marks)
- b) What is a web browser? Give an example (3 marks)
- c) Outline the importance of file attachment in e-mail composition. (2 marks)
- d) Anastasia, a computer class student found the following email as he was researching on the internet. Label its different parts (4 marks)

Ccoassignments@gmail.com