



# **MURANG'A UNIVERSITY OF TECHNOLOGY**

## **SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**UNIVERSITY ORDINARY EXAMINATION**

**2018/2019 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER EXAMINATION FOR CERTIFICATE IN  
INFORMATION TECHNOLOGY**

**SIT 006 – INTERNET APPLICATION**

**DURATION: 2 HOURS**

**DATE: 17/4/2019**

**TIME: 2-4 P.M.**

**Instructions to candidates:**

1. Answer question One and Any Other Two questions.
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

**SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION**

**QUESTION ONE (30 MARKS)**

- a) Explain the term internet. (3 marks)
- b) Highlight the features of an e-mail. (5 marks)
- c) Explain why we need computer networks today. (6 marks)
- d) Describe the concept of World wide Web. (6 marks)
- e) Outline the various types of search Engines. (4 marks)
- f) Use a diagram to show the conceptual view of an internet. (6marks)

**SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION**

**QUESTION TWO (20 MARKS)**

- a) Discuss the various forces driving the Internet Revolution Today. (10 marks)
- b) Explain the key elements of a network protocol. (9 marks)
- c) What is IEEE? (1 mark)

**QUESTION THREE (20 MARKS)**

- a) What is a computer network? (2 marks)
- b) What are some of the vices of Internet? (8 marks)
- c) Explain the requirements for connecting to the Internet. (10 marks)

**QUESTION FOUR (20 MARKS)**

- a) Discuss the application of Internet today. (8 marks)
- b) With the aid of a diagram, describe any three types of computer network topologies. (9 marks)
- c) Give the syntax of a valid email- address (3 marks)