TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

Select department

UNIVERSITY EXAMINATION FOR:

CICM/SEP2016/S-PT Y1S1

EIT 1103: INTERNET TECHNOLOGY

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TIME: 2HOURS

DATE: Sep2018

Instructions to Candidates
You should have the following for this examination
-Answer Booklet, examination pass and student ID
This paper consists of **FIVE** questions. Attemptany THREE questions.
Do not write on the question paper.

Question ONE

   a) Define the following terms
      Internet
      Intranet
      Extranet   [6mks]
   b) Briefly describe the operation of the web   [5mks]
   c) Differentiate between intranet and extranet   [6mks]
   d) List the contents of http request   [3mks]

Question TWO

   a) Describe the following SMTP commands
      HELLO
      MAIL FROM
      IMAP-LOGIN
      SELECT   [4mks]
   b) List and explain three components of the email system [6mks]
   c) List five guidelines to be followed when working with emails [5mks]
   d) List and explain two internet security protocols   [5mks]

Question THREE
   a) Define email   [2 marks]
   b) Define an email header   [2 marks]
   c) List and explain the parts of an email header   [10 marks]
   d) What are the different types of ISP   [6 marks]

Question FOUR
   a) Discuss the emerging trends in internet technology   [10mks]
   b) Discuss the history of the internet   [10mks]

Question FIVE
Security has been a major challenge to internet access and growth. Discuss?   [20mks]