



TECHNICAL UNIVERISTY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

CERTIFICATE IN COMPUTER & MAINTENANCE  
(CICM 13S)

**EIT 1129: INTERNET TECHNOLOGIES**

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2013

TIME: 2 HOURS

**Instructions to Candidates:**

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE** and any other **TWO** questions  
Maximum marks for each part of a question are as shown  
This paper consists of **THREE** printed pages

### Question One (Compulsory)

- a) Define the term internet. (2 marks)
- b) State **TWO** advantages of using intranet over internet. (2 marks)
- c) State and explain **FIVE** internet services. (10 marks)
- d) Describe **SIX** negative impacts of internet technology on the society. (6 marks)

### Question Two

- a) Using illustration, state and explain the constituent parts of URL. (8 marks)
- b) Briefly explain the internet governance. (2 marks)
- c) Explain the following protocols (10 marks)
  - (i) TCP/IP
  - (ii) HTTP
  - (iii) POP3
  - (iv) SMTP

### Question Three

- a) Define the following terms: (4 marks)
  - (i) WWW
  - (ii) Web page
  - (iii) Web site
  - (iv) Home page
- b) Differentiate between intranet and extranet. (4 marks)
- c) State and explain **FIVE** types of servers. (10 marks)
- d) Differentiate between web casting and pod casting. (2 marks)

### Question Four

- a) Differentiate between a browser and a search engine. (4 marks)
- b) Differentiate between downloading and uploading. (4 marks)
- c) State **FOUR** benefits of internet (4 marks)
- d) Briefly describe the client server architecture model. (4 marks)
- e) Explain how internet has affected the marketing industry. (4 marks)

**Question Five**

- a) Differentiate between free and paid email services. **(4 marks)**
- b) Outline **FIVE** threats to information security. **(5 marks)**
- c) Differentiate between WWW and internet **(4 marks)**
- d) List **THREE** services provided by ISP **(3 marks)**
- e) Briefly explain the computer generation. **(4 marks)**