



TECHNICAL UNIVERISTRY OF MOMBASA

# Faculty of Engineering & Technology

**Kwale Campus**

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN MEDICAL LABORATORY SCIENCES  
DIPLOMA IN PHAMACEAUTICAL TECHNOLOGY  
DIPLOMA IN COMMUNITY HEALTH MANAGEMENT  
(DMLS 15J, DMLS 15J DPT 14S, DCHM 15J)

**EIT 2101: COMPUTER APPLICATION**

SPECIAL/SUPPLEMENTARY EXAMINATION

**SERIES: JUNE 2015**

**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 (Compulsory)** and any other **TWO** questions  
Maximum marks for each part of a question are as shown  
This paper consists of **TWO** printed pages

**Question One (Compulsory)**

- a) Define the term “Computer” (2 marks)
- b) Define the term “network” (2 marks)
- c) Define data and information (4 marks)
- d) List and explain the FIVE generation of computers (12 marks)

**Question Two**

- a) Define the term software (2 marks)
- b) List and explain the FOUR main types of computers (8 marks)
- c) List any FIVE uses of a super computer (5 marks)
- d) List any FIVE disadvantages of the computer technology (5 marks)

**Question Three**

Discuss the positive and negative impact of the computer technology (20 marks)

**Question Four**

- a) Define the term “computer virus” (2 marks)
- b) List and explain the FOUR major categories of computer viruses (8 marks)
- c) Define the term “web browsers” (2 marks)
- d) List any FOUR web browsers being used in today’s world (4 marks)
- e) Differentiate between the terms “multitasking” and “multiprocessing” (4 marks)

**Question Five**

- a) Define the term “database” (2 marks)
- b) List and explain the FOUR major types of computer software (8 marks)
- c) Define the term “internet” (2 marks)
- d) List and explain any SIX disadvantages of using the internet in today’s world (6 marks)