



TECHNICAL UNIVERISTY OF MOMBASA

# Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN GRAPHIC DESIGN I (DG 1)

**BGD 2107: INTRODUCTION TO ICT**

END OF SEMESTER EXAMINATION

**SERIES: DECEMBER 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 **TWO** printed pages

**Question One (Compulsory)**

- a) List and explain FIVE advantages of using computers (10 marks)
- b) Define the term computer (3 marks)
- c) Ms Word is a word processor. Discuss (4 marks)
- d) Distinguish between 'IT' and 'ICT' (3 marks)
- e) Discuss how a word processor can assist a design student (5 marks)
- f) Name and explain FIVE features of Ms Word (5 marks)

**Question Two**

- a) Explain the following terms as used in presentation: (10 marks)
  - (i) Slide show
  - (ii) Slide sorter
  - (iii) Animation
  - (iv) Slide transition
  - (v) Organizational chart
- b) List and explain FIVE databases in the market (5 marks)
- c) Describe step by step how you would create a new presentation (5 marks)

**Question Three**

- a) Define the term cell (2 marks)
- b) Explain FOUR qualities of a computer (8 marks)
- c) (i) Define the term CPU (2 marks)  
(ii) Describe the components of CPU (8 Marks)

**Question Four**

- a) List functions of an operation system (5 marks)
- b) Identify FOUR types of system software (8 marks)
- c) Explain the term booting (3 marks)
- d) Describe TWO types of booting (4 marks)

**Question Five**

- a) (i) Define the term digital computers (10 marks)  
(ii) Describe the types of digital computers
- b) Explain the function of RAM (4 marks)

c) Differentiate between ROM and RAM

**(6 marks)**