



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN

(DG I)

BGD 2107: COMPUTER AIDED DESIGN I

SUPPLEMENTARY/SPECIAL EXAMINATIONS

SERIES: FEBRUARY 2013

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of **TWO** Sections **A & B**.
- Section **A** is **Compulsory**.
- Answer any other **TWO** questions in Section **B**.

This paper consists of Three printed pages.

SECTION A (Compulsory)

QUESTION 1

- a) Explain **THREE** disadvantages of a computer. (6 marks)
- b) Define the term computer. (2 marks)
- c) Define the term Application package. (2 marks)
- d) List down **FOUR** font attributes you can change Ms Word. (4 marks)
- e) List down the main components of a computer system and briefly describe the function of each giving example where necessary. (16 marks)

SECTION B (Attempt any TWO questions)

QUESTION 2

- a) Explain and give **THREE** examples of each of the following devices: (12 marks)
 - i) Input devices
 - ii) Output devices
 - iii) Storage devices
- b) Explain **FOUR** characteristics of a computer. (8 marks)

QUESTION 3

- Differentiate between the following terms: (20 marks)
- a) RAM and ROM
 - b) Hardware and software
 - c) Input and output devices
 - d) Data and information
 - e) Application package and use application packages

QUESTION 4

- Explain the duties of the following personnel. (20 marks)
- a) Programmer
 - b) Computer technician
 - c) Web Designer
 - d) Computer operator
 - e) Network Technician

QUESTION 5

- a) Differentiate between primary and secondary storage giving an example of each. (6 marks)
- b) Define the term software and give **THREE** classification. (4 marks)
- c) Discuss the uses of computers in the following fields. (10 marks)

- i) Media
- ii) Supermarkets
- iii) Workshops
- iv) Banks