



# **TECHNICAL UNIVERSITY OF MOMBASA**

*Faculty of Business & Social Studies*

**DEPARTMENT OF MEDIA & GRAPHIC DESIGN**

**DIPLOMA IN GRAPHIC DESIGN**

(DG II)

**BGD 2218: COMPUTER AIDED DESIGN III**

**END OF SEMESTER EXAMINATIONS**

**SERIES: APRIL 2014**

**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 Two printed pages.***

## SECTION A (Compulsory)

### QUESTION 1

- a) Define Adobe illustrator. (2 marks)
- b) State any **FOUR** CAD file formats. (4 marks)
- c) Explain the functions of the following tools:
  - i) Eye dropper tool (2 marks)
  - ii) Add Anchor Point Tool (2 marks)
  - iii) Hand Tool (2 marks)
- d) Describe how one would convert text into outline in illustrator. (5 marks)
- e) Differentiate vector from a bitmap. (5 marks)
- f) Explain briefly the **FIVE** data storage devices a designer would use. (5 marks)
- g) Explain the acronym RGB. (3 marks)

## SECTION B (Answer any **TWO** questions)

### QUESTION 2

Draw and name parts of Adobe Illustrator User Interface. (20 marks)

### QUESTION 3

Discuss the Adobe Photoshop Tool bar. (20 marks)

### QUESTION 4

Discuss factors to consider when purchasing a CAD package. (20 marks)