TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN

(DG III)

BGD 2107: COMPUTER AIDED DESIGN III

END OF SEMESTER EXAMINATIONS

SERIES: AUGUST 2013

TIME: 2 HOURS

INSTRUCTIONS:

– Section A is Compulsory
– Answer ANY OTHER Two Questions in Section B

This paper consists of Two printed pages.

QUESTION 1

a) Distinguish between vector and bitmap drawing. (4marks)
b) Explain briefly has to convert vector objects into bitmap in corel draw. (5marks)
c) Explain the functions of the following doctor window

  i) Transformation doctor
  ii) Shaping doctor (4marks)
d) Highlight the functions of any FIVE corel draw tools. (5marks)
e) Describe the following data input devices
  i) Maise
  ii) Trackball (5marks)
f) Distinguish between impact and non impact printers (3marks)
g) Describe how to draw a line using polyline tools (4mars)

Section B

QUESTION 2

With the aid of a block diagram explain the basic elements of a computer system. (20mark)

QUESTION 3

a) Explain FIVE features of CorelDraw window. (10marks)
b) Explain the functions of any FIVE curve fly out tools. (10marks)

QUESTION 4

Explain how to draw a curved line using the following tools

i) Beziers   tool
   (20marks)
ii) Pen tool

QUESTION 5

a) Explain FIVE factors one would consider before buying a printer. (10marks)
b) With reference to corel draw briefly explain how to crop a bitmap object. (10marks)