THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

Faculty of Business & Social Studies

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN
(DGD II)

COMPUTER AIDED DESIGN

END OF SEMESTER EXAMINATIONS
SERIES: SEPTEMBER/OCTOBER 2011
TIME: 3 HOURS

INSTRUCTIONS:

- This paper consists of **TWO** Sections **A** and **B**.
- Attempt any **THREE** questions in Section **A**.
- Section **B** is **Compulsory**.

QUESTION 1 (Compulsory)

a) Outline any **TWO** ways you can follow to expand the spacing between letters. **(8 marks)**

b) Explain how you can tell if a curve is closed. **(4 marks)**

c) With the aid of your computer, type a word and expand the spacing between the letters as required in (1 a) above. Save your finished work on Compact Disk. (C.D) as 'Q 1c'. **(8 marks)**

QUESTION 2

a) Describe how you create closed curved objects while you are drawing it with the freehand tool.
(3 marks)

b) Using your computer, create a closed curved object and save it on your Compact Disk (C.D) as Q 2b. **(4 marks)**

c) State the procedure used in adding or deleting nodes from an object. **(4 marks)**

d) Outline the procedure of converting artistic text to curves. **(3 marks)**

e) Explain why it is important to convert artistic text into curves. **(3 marks)**

f) State the **THREE** disadvantages of converting text to curves. **(3 marks)**

QUESTION 3

a) Describe the location of the Béziér tool on your Corel draw window. **(2 marks)**

b) Name the **TWO** main drawing tools in Corel Draw. **(2 marks)**

c) Draw a straight line with the Béziér tool, save it on your Compact Disk (C.D) and name it Q 3 (c).
(4 marks)

d) Using your computer, demonstrate how to centre, text right and left align and force full (justified). Save it on C.D and name it Q 3 (d). **(12 marks)**

QUESTION 4

a) Create a rectangle on your Corel draw window and round its corners. (Save it on your Compact Disk and name it (Q4 a). **(4 marks)**

b) Name the tool that can cut a shape into two. **(1 mark)**

c) Generate a shape and cut it into three pieces using the tool in (4 b) above. Save it on C.D and name it Q4 (c). **(6 marks)**

d) Create a straight line and transform it into a wavy line. Save it on Compact Disk and name it (Q 4d).
(5 marks)

e) Outline how you can fine tune the appearance of a curve. **(4 marks)**

SECTION B (Compulsory)

QUESTION 5

Reproduce the outline of the given Mombasa Polytechnic University College emblem using your Corel draw window.

Work on paper size A4
NB: Save your work on Compact Disk and name it Q5.   **(40 marks)**