



# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

*Faculty of Business & Social Studies*

DEPARTMENT OF MEDIA AND GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN

(DGD III)

## **COMPUTER AIDED DESIGN**

END OF SEMESTER EXAMS

**SERIES:** APRIL/MAY 2010

**TIME:** 2 HOURS

### **INSTRUCTIONS TO CANDIDATES**

1. This paper consists of **FIVE** questions.
2. Answer any **THREE** theory questions.
3. Cheating leads to disqualification.
4. Switch off mobile phone.

## THEORY

- Q.1 (a) State the location of the Bézier tool. (3 marks)
- (b) Name the **TWO** main drawing tools in corel draw. (2 marks)
- (c) Describe how you would draw a straight line with the Bézier tool. (4 marks)
- (d) Explain how to move text from one side of a path to the other. (4 marks)
- (e) Outline the steps you will follow in centering left aligning and right aligning text on a path. (4 marks)
- (f) State how to round the corners on a rectangle. (3 marks)
- Q.2 (a) Name the tool that can cut a shape into two and outline how it works. (4 marks)
- (b) Outline the steps taken in transforming a selected line or shape into a curve. (6 marks)
- (c) State the procedure of adding nodes to a curve. (3 marks)
- (d) Outline how to delete nodes to a curve. (3 marks)
- (e) Explain how you would fine-tune the appearance of curve. (4 marks)
- Q.3 (a) Describe a bitmap. (4 marks)
- (b) Outline how to remove a background from an imported bitmap. (4 marks)
- (c) State how to bring bitmaps into a corel-draw window. (4 marks)
- (d) Explain the procedure of stripping several undesired colours from a scanned photo. (3 marks)
- (e) Distinguish between lens effects and fills. (5 marks)
- Q.4 (a) Explain whether power slips enlarge (or shrink) to fit the object into which they are injected. (4 marks)
- (b) Describe the special effects of the interactive Transparency tool. (3 marks)
- (c) Outline how the contents of a power clip are edited. (6 marks)
- (d) State the functions of the blend tool. (4 marks)
- (e) Outline how to define the line thickness of lines generated by the contour effect. (3 marks)

**PRACTICAL (COMPULSORY)**

Q.5 Design a seasons greetings card for the Easter Holiday.

It should be:-

- (i) in full colour
- (ii) size A6
- (iii) pleasant message and Artwork
- (iv) having front and back covers.

(40 marks)