



# **THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE**

## ***Faculty of Business & Social Studies***

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN  
(DGD II)

**DGD 2002: TYPOGRAPHY AND PRINT**

END OF SEMESTER EXAMINATIONS

**SERIES:** SEPTEMBER/OCTOBER 2011

**TIME:** 2 HOURS

### **INSTRUCTIONS:**

## QUESTION 1

Briefly describe the following print copying methods:

- a) Tracing
- b) Reduction enlargement **(6 marks)**
- c) Name **TWO** models of “Presses” of the letter press printing machines **(2 marks)**
- d) Briefly explain how the above printing method works **(4 marks)**
- e) Define a “Master” in reference to printing **(4 marks)**
- f) Briefly describe how a master for the Letter Press Printing process is produced **(6 marks)**

## QUESTION 2

- a) Mention the name that given to the ‘master’ that is used for producing multiple copies for the offset litho process. **(2 marks)**
- b) Briefly describe how the master for the offset printing process is produced. **(8 marks)**
- c) List down any **THREE** advantages and **TWO** disadvantages carried by the offset litho process. **(5 marks)**

## QUESTION 3

- a) State principles on which the offset litho process works on. **(3 marks)**
- b) Draw and label a cross section of the offset litho process. **(15 marks)**
- c) Explain the action by which the offset machine gives it its name. **(2 marks)**

## QUESTION 4

- a) Describe how spirit duplicators transfer images to paper. **(5 marks)**
- b) Define the process of thermal copying and principal of its operation. **(15 marks)**

## QUESTION 5

- a) Mention **FOUR** hazards associated with thermal and electronic stencil cutter. **(10 marks)**
- b) Define the features associated with dual spectrum copying. **(10 marks)**

## QUESTION 6

Draw an offset litho machine and name all its parts. **(20 marks)**

## QUESTION 7

State the stages required to prepare a stencil for T-Shirt printing. **(20 marks)**