



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF MEDIA & GRAPHIC DESIGN

DIPLOMA IN GRAPHIC DESIGN

(DG II)

BGD 2110: TYPOGRAPHY AND PRINTING TECHNIQUES I

SUPPLEMENTARY/SPECIAL EXAMINATIONS

SERIES: JULY 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 printing. **(2 marks)**
- b) List down any **FIVE** different printing processes. **(5 marks)**
- c) Distinguish between relief inscriptions and etched inscriptions. **(5 marks)**
- d) Draw sample diagrams of each of the inscriptions named in “Q 1 c” above. **(5 marks)**

QUESTION 2

- a) Outline how each of the below mentioned factors affect legibility of type:
 - i) Size **(3 marks)**
 - ii) Decoration **(3 marks)**
 - iii) Balance **(3 marks)**
 - iv) Harmony **(3 marks)**
- b) Name a unit used for measuring type in typography. **(1 mark)**

SECTION B (Answer any TWO questions)

QUESTION 3

- a) Illustrate a cross section of the offset printing process and name its parts. **(10 marks)**
- b) List any **TEN** equipment/materials required for the offset printing process. **(10 marks)**

QUESTION 4

- a) Explain the photostencil preparation method for the screen printing process. **(12 marks)**
- b) Name any **EIGHT** equipment/materials that are useful for the screen printing process. **(8 marks)**

QUESTION 5

- a) Illustrate and name any **FOUR** cross sections of the different squeegee profiles available in the market today. **(12 marks)**
- b) List any **FOUR** fibres that can be tried-out as meshes for screen printing. **(4 marks)**