



**DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY  
UNIVERSITY EXAMINITITION 2014/2015**

**STAGE II MODULE III EXAMINITITIONS FOR THE CERTIFICATE/DIPLOMA IN FASHION  
DESIGN AND INTERIOR DECORATION**

**TCF1221: SCREEEN PRINTING& BRANDING**

**DATE: 22<sup>ND</sup> JULY 2015**

**TIME: 9.00AM-11.00AM**

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**INSTRUCTION.** Attempt Question ONE and any other question.

**QUESTION ONE**

- a.Briefly explain the term silk-screen printing [1mks]
- b.Write a brief history of screen printing [3mks]
- c.Explain the following terms as used in colour theory
- i. Colour wheel [1mk]
  - ii. Shade [1mk]
  - iii. Hue [1mk]
  - iv. Tint [1mk]
  - v. Tone [1mk]
- d.Briefly explain the following elements of design
- i. Form [1mk]
  - ii. Shape [1mk]
  - iii. Space [1mk]
- e.By use of a well labeled diagram illustrate how you would setup your light station and expose using a 150w clear bulb. Indicate your screen size bulb height and exposure time. [10mks]
- f.Explain six points on the procedure of making a single colour print [6mks]
- g.Outline two methods of preparing a positiveimage [2mks]

**QUESTION TWO**

- a.State any five tools or materials used in silk-screen printing [5mks]
- Explain fully the photographic emulsion method of screen printing [10mks]

**QUESTION THREE**

- a.Outline five possible reasons why photo emulsion will not wash out to create a stencil [5mks]

b.Explain the bleach removal method of cleaning the screen as soon as your print run is completed [10mks]

#### **QUESTION FOUR**

a. Outline five points on the procedure of achieving the multi-colour printing. [5mks]

b. Explain the paper stencil method step by step. [7mks]

c. Differentiate between printing and embroidery [3mks]

#### **QUESTION FIVE**

a. Fill the following table that indicate the lamp height and exposure time allocated when using BBA NO1 photoflood 250 wts in photographic emulsion method

Screen size	lamp height	exposure time
8"x10"	_____.	_____-.
10"x 14"	_____	_____ .
12"x18"	_____	_____.
16"x20	_____	_____.
18"x20"	_____	_____ [5mks]

b. Explain the fully the direct or negative method of screen printing [8mks]

c. Explain why fabrics with sizing must be washed prior to printing. [2mks]