



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND YEAR SECOND SEMESTER EXAMINATION

DIPLOMA IN FASHION DESIGN AND MARKETING

FDD 212: FABRIC COLORATION

DATE: 5/12/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS

This paper consists of five questions.

Answer question one and any other Two question.

Use of diagrammatic illustrations is highly encouraged.

Answer ALL questions in the booklet provided.

1.
 - a) Define the following terms as used in fabric colouration (6 marks)
 - i. Oxidation
 - ii. Hydrophobic
 - iii. Immersion
 - b) Briefly describe the three (3) methods of fabric colouration. (6 marks)
 - c) What are the methods of colour application? (3 marks)
 - d) State five methods of colour application when doing batik/tie and dye. (5 marks)
 - e) State techniques used in tie and dye that do not require tying. (5marks)
 - f) State four methods of wax application. (4 marks)
 - g) State two types of printing pastes. (2 marks)
 - h) State the three categories of colour, giving two examples for each category. (6 marks)

2. a) Describe how to identify a fabric that has been printed and one that has been dyed. (8 marks)
b) Explain the process of making a local printing screen. (12 marks)
3. a) State four methods of colour application that require tying. (4 marks)
b) Explain how any of the two processes mentioned in (a) above are carried out. (16 marks)
4. a) Differentiate between block printing and screen printing methods of colour application (4 marks)
b) Describe the process of colour application by use of;
i) Batik. (8 marks)
ii) Tie and dye. (8 marks)
5. Discuss the process of de-waxing a fabric. (20 marks)