



MACHAKOS UNIVERSITY
University Examinations 2021/2022 Academic Year
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
DEPARTMENT OF FASHION DESIGN AND MARKETING
FIRST YEAR FIRST TERM EXAMINATION FOR
CERTIFICATE IN FASHION DESIGN AND GARMENT MAKING
1801/104/FCT: FABRIC COLOURATION

DATE: 1/12/2021

TIME: 2.30-5.30 PM

INSTRUCTIONS

Answer ALL the question

1. a) Define the following terminologies;
 - i. Dye (2 marks)
 - ii. Color (2 marks)
 - iii. Mordant (2 marks)
 - iv. Color wheel (2 marks)
 - v. Vat dye (2 marks)
- b) (i) Outline any three characteristics of tie and dyed fabric (3 marks)
- (ii) List 7 safety rules to be observed during tie and dyeing (7marks)
- c) State the qualities to consider when selecting tools, equipment and materials for tie and dye (5 marks)
2. a) Discuss the importance of fabric coloration (10 marks)
- b) Using examples outline the differences between primary and secondary colors (5 marks)
- c) With an aid of color wheel show the primary, secondary and tertiary colors (10 marks)

- 3. a) Differentiate two-dye combination and three – dye combination (5 marks)
- b) Describe the four attributes of color (10 marks)
- c) Explain the procedure to be followed when doing tie and dye (10 marks)
- 4 a) Explain the importance of doing finishing in tie and dye (10 marks)
- b) Explain the process of finishing in tie and dye (10 marks)
- c) Differentiate tie dye and printing (5 marks)