



**MACHAKOS UNIVERSITY**  
**University Examinations for 2019/2020 Academic Year**  
**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**  
**DEPARTMENT OF FASHION DESIGN AND MARKETING**  
**FIRST YEAR SECOND SEMESTER EXAMINATION FOR**  
**CERTIFICATE IN FASHION DESIGN AND GARMENT MAKING**  
**FABRIC COLOURATION**

**DATE: 30/10/2020**

**TIME: 8:30 – 11:30 AM**

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**INSTRUCTIONS:**

**Answer Question One and Any Other Two**

1. a) Define the following terms
  - i. Oxidation
  - ii. Colour wheel
  - iii. Pattern
  - iv. Printing (10 marks)
- b) LIST 5 preparations to consider before doing any fabric colouration (5 marks)
- c) Explain any 5 qualities to look for when selecting tools and equipments for tie and dye and printing (10 marks)
- d) Differentiate the following methods of printing; Traditional and photographic (5 marks)
2. a) Common attributes of colour are tone, intensity value and hue Briefly explain what they are and their importance in fabric colouration (16 marks)
- b) Discuss the 3 objectives of dyeing fabrics (9 marks)
3. a) Using examples give the difference between screen printing and block printing (6 marks)

- b) Using colour wheel, show the primary, secondary and tertiary colours (9 marks)
- c) Explain the care of printed fabrics (10 marks)
4. a) Discuss 5 preparations to consider before starting the activity of tie and dye. (10 marks)
- b) Using examples explain any 5 types of dyes used in tie and dye (15 marks)