



# MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR FIRST TERM EXAMINATION FOR

CERTIFICATE IN FASHION DESIGN

1801/104/TMK: TEXTILE MATERIAL KNOWLEDGE

DATE: 10/6/2021

TIME: 8.30-11.30 AM

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## INSTRUCTIONS:

Answer all the Questions.

1. a) Define the following terms as used in textile material knowledge: -
  - i. Fibre (1 mark)
  - ii. Yarn (1 mark)
  - iii. Spinning (1 mark)
  - iv. Weaving (1 mark)
  - v. Retting (1 mark)
- b) With an aid of a chart show the classification of textile fibers and show two fabrics made from each fiber. (10 marks)
- c) Explain the methods in which we use to test textile fibres (10 marks)
2. a) Describe the procedure and processes of producing cotton fibres. (15 marks)
- b) Explain the advantages and disadvantages of cotton fibres. (10 marks)
3. a) Explain any three(3) types of cotton fibres . (6 marks)
- b) State ten (10) fabrics made from cotton fibres. (5 marks)
- c) Explain the reasons as to why people wear clothes. (14 marks)
4. a) Explain the uses of linen fibre. (10 marks)
- b) State ten (10) properties of linenfibres. (5 marks)
- c) Describe the procedures of the production of wool. (10 marks)