



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

First year FIRST SEMESTER EXAM FOR CRAFT CERTIFICATE

TVET PROGRAM

TEXTILE MATERIAL KNOWLEDGE

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer all questions

1. a) Define the following terms
i) Fiber
ii) Yarn
iii) Fabric
iv) Retting (8 marks)
- b) Explain the reasons as to why scientists thought of coming up with man-made fiber (12 marks)
2. With the aid of a diagram illustrate the classification of textile fibers giving two examples of each classification (20 marks)
3. a) Discuss the burning test of cotton (6 marks)
- b) Explain the production process cotton fibers undergo from when it is picked to when its ready to be made into a fabric. (14 marks)
4. a) Explain the types of retting process (8 marks)
- b) Discuss any Four properties of linen (12 marks)
5. a) State any FIVE uses of cotton fibers (5 marks)
- b) Alima is planning to visit Mombasa in August vacation. Advise her on the type of garments she should carry and explain why. (15 marks)