



MACHAKOS UNIVERSITY
University Examinations for 2019/2020 Academic Year
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
DEPARTMENT OF FASHION DESIGN AND MARKETING
SECOND YEAR FIRST SEMESTER EXAMINATION FOR
DIPLOMA IN FASHION DESIGN AND GARMENT MAKING
2803/203: TEXTILE SCIENCE II

DATE: 3/11/2020

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer all questions

1. a) Describe the four methods of retting in linen production (20 marks)
2. a) With the aid of a well labelled diagram classify manmade fibres (10 marks)
b) Explain five characteristics of filament yarns (10 marks)
3. a) Explain three factors to observe when conducting a burning fibre test. (6 marks)
b) With the help of a clear diagram describe the melt spinning process in nylon production (14 marks)
4. Explain the production process of viscose rayon (20 marks)
5. a) Highlight five advantages of cotton fibres (5 marks)
b) Explain the three methods of spinning in synthetic fibre production (15 marks)