



MACHAKOS UNIVERSITY
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
DEPARTMENT OF FASHION DESIGN AND MARKETING
MAY – JULY EXAMINATIONS 2019
TEXTILE SCIENCE
CODE: 2803/02/TS

DIPLOMA IN FASHION DESIGN AND MARKETING

Instruction

Answer any five questions.

- Q1. a. With the aid of a well labelled diagram classify man-made fibres (10mks)
b. Explain the production process of viscose Rayon (10mks)
- Q2. a. State five impurities found in wool fibres (2mks)
b. Distinguish between woollen and worsted yarns (8mks)
c. Describe the production of silk filaments (10mks)
- Q3. a. Explain four qualities required fabrics to make children wear (8mks)
b. Describe the importance of drafting fibres (8mks)
- Q4. a. Outline five limitations of each of the following fibres.
(i) Linen (5mks)
(ii) Silk (5mks)
- b. With the aid of a well labelled diagram describe the well spinning process. (10mks)



Q5. a. Describe the burning test of each of the following fibres.

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|-------|---------|--------|
| (i) | Cotton | (5mks) |
| (ii) | Linen | (5mks) |
| (iii) | Wool | (5mks) |
| (iv) | Viscose | (5mks) |

Q6. a. Outline five Advantages of each of the following fabrics.

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|------|-------|--------|
| (i) | Wool | (5mks) |
| (ii) | Linen | (5mks) |

b. Explain the washing procedure of cleaning a white table linen (10mks)

Q7. a. Outline four desirable qualities of a textile fibre (4mks)

b. Identify three bush fibres (3mks)

c. Describe four methods of retting in linen production (8mks)

d. Highlight five reasons for ironing garments (5mks)

