



# MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN FASHION DESIGN AND MARKETING

**HFM 040: FASHION FABRICS**

**DATE: 6/5/2019**

**TIME: 8:30 – 10:30 AM**

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## INSTRUCTIONS

**Answer question 1 and any other two questions**

### QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms as used in fabric construction
- i) Weft Knitting (2 marks)
  - ii) Macrame (2 marks)
  - iii) Weaving (2 marks)
- b) Distinguish between
- i) Warp and weft yarn (2 marks)
  - ii) Satin and Sateen weave (2 marks)
  - iii) Bonding and Felting (2 marks)
- c) Draw and label one (1) type of knitting needles (2 marks)
- d) State four (4) types of wet bonded non-woven (4 marks)

### QUESTION TWO (20 MARKS)

- a) As a manager in a fabric construction company explain five (5) types of compound weaves to your employees. (10 marks)
- b) Explain one (1) types of weft knitting and four (4) of its properties. (5 marks)

**QUESTION THREE (15 MARKS)**

- a) Explain five (5) areas where macrame is applied and give an example of knot used. (10 marks)
- b) Highlight five (5) properties of twill weave (5 marks)

**QUESTION FOUR (15 MARKS)**

- a) As a supervisor of EPZ Apparel company explain five (5) parts of the weaving loom (10 marks)
- b) Briefly explain the five (5) stages of constructing a true felt (5 marks)

**QUESTION FIVE (15 MARKS)**

- a) As a supervisor in your fabric construction explain to your staff ten (10) defects of woven fabrics (10 marks)
- b) Discuss five (5) reasons why woven fabric are commonly used for school uniforms (5 marks)