



# MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

**HFM 108: FASHION FABRICS**

**DATE: 15/6/2021**

**TIME: 8.30-10.30 AM**

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## INSTRUCTIONS:

- i) *This paper consists of five questions.*
- ii) *Answer Question 1 and any other two questions.*
- iii) *Question 1 carries 20 marks*
- iv) *Question 2 to 5 carries 15 marks each*

## QUESTION ONE

- a) Identify two (2) methods of creating non-woven fabrics (2 marks)
- b) Explain three (3) types of looms used in fabric construction. (3 marks)
- c) Describe two (2) types of knits (4 marks)
- d) Explain five (5) requirements that Warp Yarn should meet (5 marks)
- e) Identify three (3) defects in weaving and state their causes (6 marks)

## QUESTION TWO (15 MARKS)

- a) As a chief designer in a weaving firm, discuss five (5) characteristics of the plain weave (5 marks)
- b) With the help of a diagram, explain the process of creating a place mat using the plain weave technique (10 marks)

**QUESTION THREE (15 MARKS)**

Present a report on the Components of Tufted Fabric. Use an illustration to support your presentation

**QUESTION FOUR (15 MARKS)**

Elaborate on five stages (5) of warp yarn preparation that your company could adopt

**QUESTION FIVE (15 MARKS)**

- a) Discuss with your classmates five (5) characteristics of braided fabrics (5 marks)
- b) Describe the procedure of creating a centre piece floor rug using the braiding technique (10 marks)