



MACHAKOS UNIVERSITY

University Examinations 2021/2022 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

HFM 210: TEXTILE PRINTING

DATE:

TIME:

INSTRUCTIONS

This paper consists of **FIVE** questions.

Answer **Question 1** and any other **TWO** questions

Question 1 carries 20 marks

Question 2-5 carry 15 marks each

QUESTION ONE (COMPULSORY) (20 MARKS)

- a) Differentiate between dyes and pigments (2 marks)
- b) Highlight TWO (2) possible operations during fabric inspection prior to preparing fabrics for printing (2 marks)
- c) Outline FOUR (4) objectives of singeing prior to printing (4 marks)
- d) Explain THREE (3) factors to consider when formulating a print paste (6 marks)
- e) Explain THREE (3) styles of printing (6 marks)

QUESTION TWO (20 MARKS)

Discuss any FIVE (5) chemical processes you will undertake prior to printing after sourcing raw fabrics from a local supplier.

QUESTION THREE (30 MARKS)

You have just hired a new staff to your printing premise. Explain to him/ her process of screen stencil preparation by photo-coat method.

QUESTION FOUR (30 MARKS)

You have been employed as a printing manager at Color Creation Ltd. Explain to your staff, FIVE (5) characteristics of a good print paste.

QUESTION FIVE (15 MARKS)

Giving reasons, discuss why stencil printing, block printing and roller printing would be good options for a fresh graduate intending to start a printing business.