



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFM 210: TEXTILE PRINTING

DATE: 23/9/2019

TIME: 2:00 – 4:00 PM

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 1

- 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

Discuss any FIVE (5) chemical processes you will undertake prior to printing after sourcing raw fabrics from a local supplier. [15 marks]

QUESTION THREE

You have just hired a new staff to your printing premise. Explain to him/ her process of screen stencil preparation by photo-coat method. [15 marks]

QUESTION FOUR

Explain to your staff, FIVE (5) characteristics that a good print paste. [15 marks]

QUESTION FIVE

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. [15 marks]