



MACHAKOS UNIVERSITY

University Examinations for 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 IN FASHION DESIGN AND MARKETING

HFM 210: TEXTILE PRINTING

DATE: 25/5/2022

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

Answer question 1 and any other two questions

QUESTION ONE (20 MARKS)

- a) Define the following terms
 - i. Printing (2 marks)
 - ii. Singeing (2 marks)
 - iii. Reactive dye (3 marks)
- b) Outline two (2) techniques of serigraphic printing (2 marks)
- c) Outline three (3) methods of desizing fabric (3 marks)
- d) Differentiate between binder and thinner as used in printing paste (4 marks)
- e) Discuss two chemical finishes carried out on fabrics before printing (4marks)

QUESTION TWO (15 MARKS)

A textile company has been awarded a tender to print badges on school shirt uniform. Discuss the procedure of stencil printing with a stencil paper.

QUESTION THREE (15 MARKS)

- a) Outline the three (3) techniques of printing (6 marks)
- b) Explain three (3) types of screens (9 marks)

QUESTION FOUR (15 MARKS)

- a) As the head of printing division in an industry explain one (1) method of resist printing (5 marks)
- b) Describe the process of screen printing. (10 marks)

QUESTION FIVE (15 MARKS)

From our class discussion explain the process of producing a self-contained multi colour print using block / elimination method