



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 212: HISTORY AND CONSERVATION OF TEXTILES

DATE: 10/12/2021

TIME: 11.00-1.00 PM

INSTRUCTIONS

This paper consists of **FIVE** questions.

Answer **Question 1** and any other **TWO** questions in Section B

Question 1 carries 30 marks

Question 2-5 carry 20 marks each

SECTION A

QUESTION ONE

- a) Describe three (3) appropriate ways to prevent pest infestation in the conservation of textiles (3 marks)
- b) A textile is considered to have five components. In a class forum, justify this statement. (5 marks)
- c) Arshley found her conserved textiles degraded. Giving two (2) examples for each factor, Identify for her three major factors that may have led to her textile degradation. (6 marks)
- d) Weaving is the most universal construction method that developed after baskets, mats and net making in 6000BC. Describe to a loom operator in Machakos three main steps in weaving (6 marks)
- e) Cleaning was a crucial procedure in preparation for dyeing. Elaborate cleaning of textiles in the following areas; (6 marks)
 - i. Ancient Egypt
 - ii. In the Near East
 - iii. The Phoenicians

- f) You have been requested to store appropriately some historic textiles. Explore two (2) main factors that will determine your choice of a type storage (4marks)

QUESTION TWO (20 MARKS)

As a textile conservator, elaborate to visiting fashion students four (4) finishes anciently applied to wool. (20 marks)

QUESTION THREE (20 MARKS)

The most dramatic breakthrough in cotton finishing was the discovery of the bleaching effect of chlorine by the Swede Carl Wilhelm Scheele in 1774. Explain to a museum attendant, four (4) methods anciently used to bleach linen before this discovery.

QUESTION FOUR (20 MARKS)

The ancient Egyptians had well-developed culture. Describe to your class mate the women's and men's attire of 3000BC.

QUESTION FIVE (20 MARKS)

- a) Identify two (2) major signs of cloth moths on stored historic collections. (4 marks)
- b) Determine Five (5) appropriate methods you would use to prevent this occurrence. (10 marks)
- c) Mention six (6) fiber likely to be attacked by the above pests. (6 marks)