



MACHAKOS UNIVERSITY

University Examinations 2023/2024 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

Fourth year SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

HFM 400:FUNCTIONAL APPAREL AND SPORTS WEAR

DATE:

TIME:

INSTRUCTIONS

This paper consists of **FIVE** questions.

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

Question 1 carries 20 marks

Question 2-5 carry 15 marks each

SECTION A

QUESTION ONE (COMPUOLSORY) (30 MARKS)

- a) Explore two (2) requirements for designing clothes for environmental hazard protective. (4 marks)
- b) Explain citing examples five (5) reasons you would consider while designing apparels for cross fuctional clothing assembly. (5 marks)
- c) Describe using appropriate examples three (3) categories of medical functioning clothing protection. (6 marks)
- d) Elaborate five (5) ways through which you can build expansion into a garment. (5 marks)

QUESTION TWO (15 MARKS)

Discuss the procedure for increasing the mobility in specialized clothing and equipment.

QUESTION THREE (15 MARKS)

Citing appropriate examples in each case, discuss five (5) ways through which you can build expansion into a garment.

QUESTION FOUR (15 MARKS)

Using appropriate examples in each case, explain five (5) purposes of fastening systems used on functional apparel.

QUESTION FIVE (15 MARKS)

Describe assessments that you need to carry out in order to come up with specifications for the design of functional apparel.