



# 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 205: APPAREL FOR SPECIAL GROUPS

DATE: 25/5/2022

TIME: 8.30-10.30 AM

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## 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)

Define the following concepts as they relate to disability:

- a) *Impairment* (5 marks)
- b) *Medical Model* (5 marks)
- c) *Social Model* (5 marks)
- d) *Biopsychosocial Model* (5 marks)

### QUESTION TWO (15 MARKS)

Describe three (3) unique biopsychosocial characteristics that are relevant to the design of adaptive apparel for a person who uses a wheelchair.

### QUESTION THREE (15 MARKS)

- a) Define the concept of *Universal Design*. (4 marks)
- b) Identify the country in which *Universal Design* was first developed. (2 marks)
- c) Explain three (3) *Universal Design* principles that are applicable to apparel design. (9 marks)

**QUESTION FOUR (15 MARKS)**

Using annotated illustrations, elaborate on key considerations of the five (5) stages of the *Design Thinking* process that you would employ in the co-creation of protective wear for women working within the construction industry.

**QUESTION FIVE (15 MARKS)**

Describe five (5) factors influencing design and marketing of apparel for primary schoolboys with dyslexia (from six to 12 years of age).