



MACHAKOS UNIVERSITY

University Examinations 2021/2022

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

HFM 103 PATTERN DRAFTING

DATE: 31/1/2022

TIME: 8.30-10.30 AM

INSTRUCTIONS

- i) *This paper consists of FIVE questions.*
- ii) *Answer Question 1 and any other two questions.*
- iii) *Question 1=20 marks*
- iv) *Question 2 to 5=15 marks each*

QUESTION ONE (COMPULSORY) (20 MARKS)

- a) Define the following;
 - i. Flat pattern designing (1 mark)
 - ii. Design analysis (1 mark)
 - iii. Dart manipulation (1 mark)
 - iv. Design ease (1 mark)
- b) What is the importance of a toile garment? (2 marks)
- c) Discuss the categories of darts. (4 marks)
- d) Explain the importance of flat pattern designing. (5 marks)
- e) Explain any five dart rules. (5 marks)

QUESTION TWO (15 MARKS)

- a) Using the $\frac{1}{4}$ scale front bodice sloper, illustrate how you would locate the bust point and the bust circle size 12. (7 marks)
- b) Differentiate between the slash and pivot methods of dart manipulation giving an example in each case. Use the front bodice block to illustrate your answer. (8 marks)

QUESTION THREE (15 MARKS)

Elaborate on the appropriate way of taking body measurements meant for the drafting of a woman's basic bodice block.

QUESTION FOUR (15 MARKS)

Using appropriate diagrams;

- a) Describe the appearance of a woman's toile if she has a stooping figure (5 marks)
- b) Explain how you would correct this fitting problem. (10 marks)

QUESTION FIVE (15 MARKS)

You have been commissioned to train a class of fashion designers on pattern drafting. Discuss the points to consider before commencing any adaptation.