



MACHAKOS UNIVERSITY

University Examinations 2023/2024 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

THIRD YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

HFM 304: ADVANCED FLAT PATTERN DESIGN

DATE:

TIME:

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

ATTEMPT ALL QUESTIONS IN THIS SECTION (20mks)

- a) With the aid of Illustrations differentiate the following design styles; (6 marks)
- i) Raglan sleeve and Bishop sleeve
 - ii) Sailor collar and the shirt collar
 - iii) Cowl neckline and Sweetheart neckline
- b) Determine three (3) dart manipulating techniques used in flat patterns design (3 marks)
- c) Using illustrations, determine the five (5) types of darts used in flat pattern design and state where they are applicable in design. (5 marks)

- d) With the aid of a basic sleeve diagram define Five (5) sleeve terminologies used when drafting the sleeve pattern (6 marks)

QUESTION TWO (15 MARKS)

Using illustrations elaborate the nine (9) positions that the front waist dart maybe relocated for creating different design patterns. (15 marks)

QUESTION THREE (15 MARKS)

With the aid of the $\frac{1}{4}$ scale bodice sloper provided , identify the darts below and illustrate how you would achieve them on a client's request. (15 marks)

QUESTION FOUR (15 MARKS)

- a) Using appropriate diagrams, describe the appearance of a woman's basic dress if she has a stooping figure problem (3 marks)
- b) Using the $\frac{1}{4}$ scale bodice slopers provided, explain how you would correct this fitting problem. (12 marks)

QUESTION FIVE (15 MARKS)

Elaborate using the $\frac{1}{4}$ scale sloper provided, how to achieve the below sleeve design.



SLOPERS

