



MACHAKOS UNIVERSITY
UNIVERSITY EXAMINATION 2022/2023
SCHOOL OF HUMANITIES AND SOCIAL SCIENCES
DEPARTMENT OF FASHION DESIGN AND MARKETING
THIRD YEAR FIRST SEMESTER REGULAR EXAMINATION FOR DEGREE OF
BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING
HFM 304: ADVANCED FLAT PATTERN DESIGN

DATE: _____

TIME: 2HOURS

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 (20 MARKS)

a) Illustrate the following design styles;

- i) Kimono sleeve. (2 marks)
- ii) Flat collar with low neckline. (2 marks)
- iii) Box pleated skirt. (2 marks)

b) Explain five (5) ways in which darts can be manipulated into flat pattern design. (5marks)

c) Illustrate and explain the following fitting problems;

- i) Large abdomen. (4 marks)
- ii) Large chest. (4 marks)

QUESTION TWO (15 MARKS)

Your client requires you to design and construct a blouse with a yoke, front opening with a shirt

Collar. Develop the final patterns for the blouse using $\frac{1}{4}$ scale slopers.

(15 marks)

QUESTION THREE (15 MARKS)

Using $\frac{1}{4}$ scale slopers for front bodice size 12 provided, develop the final patterns a standard front opening to final patterns.

(15 marks)

QUESTION FOUR (15 MARKS)

Using the $\frac{1}{4}$ scale slopers provided for a trouser block size 102, describe the procedure of developing such an extra pleated trouser to final patterns.

(15marks)

QUESTION FIVE (15 MARKS).

Develop the final patterns using $\frac{1}{4}$ scale slopers for the classic roll collar.

(15 marks)