



MACHAKOS UNIVERSITY

University Examinations 2022/2023 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:14/12/2022

TIME: 2:00 – 4:00P.M

INSTRUCTIONS

Answer **QUESTION ONE** and any other **TWO QUESTIONS**

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 six (6) ways in which darts can be manipulated into flat pattern design. (6 marks)
- 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)