



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFD 204: INTRODUCTION TO FLAT PATTERN DESIGN

DATE: 24/3/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

This paper consists of Five (5) questions. Answer question One (1) and other Two (2) questions.

Question 1 (20 marks)

Question 2-5 (15 marks each)

QUESTION ONE (20 MARKS)

- a) Define the following terms as used in flat pattern making:
- i. Decorative darts. (1 mark)
 - ii. Fitting darts. (1 mark)
 - iii. Facing. (1 mark)
 - iv. Grading. (1 mark)
- b) State four (4) characteristics of dart equivalent gathers. (4 marks)
- c) Show four (4) ways in which darts can be manipulated in flat pattern designing. (4 marks)
- d) Outline four (4) different categories of collars. (4 marks)
- e) Explain four (4) types of opening. (4 marks)

QUESTION TWO (15 MARKS)

Describe with the aid clear diagrams three (3) different types of sleeves and give one example in each category.

QUESTION THREE (15 MARKS)

Your friend would like a garment with a shirt collar. Use the $\frac{1}{4}$ scale sloper to develop the working and final patterns from the shirt collar.

QUESTION FOUR (15 MARKS)

Trace out one piece sleeve block provided and grade two sizes up and two sizes down

QUESTION FIVE (15 MARKS)

Describe the procedure of converting the fitting darts using the $\frac{1}{4}$ scale sloper for front bodice, into the princess seam line. Show working and final pattern pieces.