



# 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**

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## 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.