



MACHAKOS UNIVERSITY

University Examinations for 2020/2021 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFM 103: PATTERN DRAFTING

DATE: 26/2/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS:

This paper consists of five (5) questions.

Answer question **One (1)** and any other **Two (2)** questions in this paper

QUESTION ONE (COMPULSORY) (20 MARKS)

- a) Define the following terms as used in the pattern drafting;
- i. Pattern drafting (1 mark)
 - ii. Pattern grading (1 mark)
 - iii. Block pattern (1 mark)
 - iv. Standard measurements (1 mark)
- b) Elaborate how to take the following body measurements for a man;
- i. Shoulder (1 mark)
 - ii. Chest (1 mark)
 - iii. Seat (1 mark)
 - iv. Body rise (1 mark)
- c) Differentiate;
- i. Dart and pleat (2 marks)
 - ii. Design ease and basic ease (2 marks)
- d) Describe the following tools and how each is used when drafting patterns
- i. Curves (2 marks)
 - ii. Squares (2 marks)
 - iii. Tracing wheel (2 marks)
 - iv. ¼ Scale ruler (2 marks)

QUESTION TWO (15 MARKS)

- a) Using the close-fitting front bodice block size 12 provided indicate seven (7) pattern instructions for a final pattern. (7 marks)
- b) Explain to your classmate four (4) principles of pattern making. (8 marks)

QUESTION THREE (15 MARKS)

Trace the casual shirt and sleeve blocks provided and describe the procedure of lowering armhole.

QUESTION FOUR (15 MARKS)

Trace out the quarter scale sloppers provided for close fitting block, move bust dart to five (5) other locations.

QUESTION FIVE (15 MARKS)

Using the basic trouser blocks provided develop final patterns for a trouser with extra fullness.