



# 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**

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## 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.