



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

**FIRST YEAR FIST SEMESTER EXAMINATION FOR
BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING
HFM 103: PATTERN DRAFTING**

DATE: 20/12/2017

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

This paper consists of five questions.

Answers question one and any other two questions in this paper.

1

- a) Define the following terms as used in pattern drafting: (marks)
- i) Block pattern
 - ii) Standard measurements size charts
 - iii) Toile
- b) Distinguish between the following: (3 marks)
- i) Drafting and draping
 - ii) Working pattern and final pattern
 - iii) Basic ease and design ease
- c) Explain how to correctly take the following measurements for women: (3 marks)
- i) Bust
 - ii) Shoulder
 - iii) Back width

- d) Describe the following tools and how each is used when drafting patterns: (4 marks)
- i) Tape measure
 - ii) French curves
 - iii) Tracing wheel
 - iv) Hip curve
- e) Using examples in each case explain why pattern instructions are important in final patterns. (4 marks)
- f) Explain the procedure to follow when moving the bust dart to the side seam of a woman's bodice block. Use clear diagrams to help illustrate your answer. (3 marks)
2. a) Draw a sketch of the final pattern for the back / underside of a man's trouser. (5 marks)
- b) Identify the length and width related measurements needed to draft the trouser block for men's wear. (5 marks)
- c) Describe how to take the measurements identified above in (b) above. (5 marks)
3. a) List any three lengthwise measurements required to draft the women's close fitting Block. (3 marks)
- b) Describe how you obtain each of the measurements listed in (a) above. (3 marks)
- c) Explain how you can correct the following fitting problem. Use clear diagrams to help illustrate your answer. (9 marks)
- (i) Tight neckline
 - (ii) Wide bust
4. Using the quarter scale slopers for skirt block 12, develop the final patterns pieces for a gored skirt. (15 marks)
5. Using the quarter scale slopers provided for a trouser block, develop the final patterns for a pleated trouser. (15 marks)