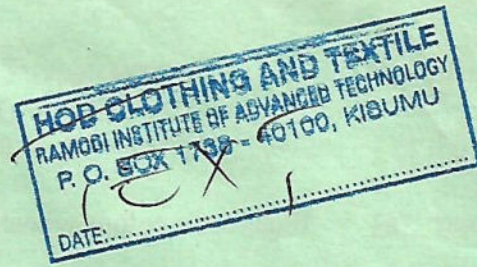


1401/313
GARMENT DESIGNING, CUTTING
AND MAKING THEORY
June/July, 2003
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL
CRAFT CERTIFICATE IN GARMENT MAKING
GARMENT DESIGNING, CUTTING AND MAKING THEORY

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of sections A, B and C.
Answer **ONE** question from Section A.
Answer **TWO** questions from Section B.
Answer **TWO** questions from Section C.

SECTION A: GARMENT DESIGNING. (20 marks)

Answer ONE question from this section.

1. (a) Illustrate a colour wheel. (7 marks)
- (b) With the aid of illustrations, explain the THREE basic skirt shapes. (7¹/₂ marks)
- (c) Sketch the front view of a two-piece dress to show the following details;
- (i) Cap sleeve
- (ii) Layered skirt (5¹/₂ marks)
2. (a) Outline THREE effects created by use of lines. (3 marks)
- (b) Define the following terms;
- (i) Tint (1 mark)
- (ii) Expression (1 mark)
- (iii) Chroma (1 mark)
- (c) Illustrate the following details;
- (i) Asymmetrical neckline (2 marks)
- (ii) Keyhole neckline (2 marks)
- (iii) Pilgrim Collar (2 marks)
- (iv) Shawl collar (2 marks)
- (v) Bishop sleeve (2 marks)
- (vi) Petal sleeve (2 marks)
- (vii) Leg – O – mutton sleeve (2 marks)

SECTION B: GARMENT CUTTING (40 marks)

Answer TWO questions from this section.

3. (a) Outline FOUR factors which can facilitate change from one product to another in the cutting room. (4 marks)
- (b) Explain FIVE factors likely to affect the rate of output in Mass Production. (10 marks)
- (c) Describe THREE types of cutting tables. (6 marks)

4. (a) Highlight TWO methods of marking pattern outlines onto a fabric. (4 marks)
- (b) Outline FOUR factors to consider in choosing a cutting device. (8 marks)
- (c) Explain FOUR methods of marker planning (8 marks)
5. (a) State TWO functions for each of the following types of papers;
- (i) Underlay (2 marks)
- (ii) Anti fusion (2 marks)
- (b) Explain FOUR methods of reproducing a marker (8 marks)
- (c) Outline FOUR faults likely to occur during the following processes;
- (i) Cutting out (4 marks)
- (ii) Sorting and bundling (4 marks)

SECTION C: GARMENT MAKING (40 marks)

Answer TWO questions from this section

6. (a) Explain TWO ways of controlling seam width during stitching. (4 marks)
- (b) Explain THREE factors to consider when selecting buttons. (6 marks)
- (c) With the aid of illustrations describe the procedure of preparing and fixing a patch pocket. (10 marks)
7. (a) Explain FOUR factors to consider when choosing an edge finishing method. (8 marks)
- (b) Describe THREE ways of finishing a neckline edge. (6 marks)
- (c) Highlight the THREE types of facings. (6 marks)
8. (a) Outline THREE shortcomings for each of the following;
- (i) Metallic Zip (3 marks)
- (ii) Plastic Zip (3 marks)
- (b) With the aid of illustrations, outline the procedure of preparing a shirt collar with a separate stand. (11 marks)
- (c) Give THREE reasons for using linings. (3 marks)