

1401/313

**GARMENT DESIGNING, CUTTING
AND MAKING (THEORY)**

June /July 2008

Time: 3 hours

**THE KENYA NATIONAL EXAMINATIONS COUNCIL
CRAFT CERTIFICATE IN GARMENT MAKING**

**GARMENT DESIGNING, CUTTING AND MAKING
THEORY**

3 hours

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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

This paper consists of 4 printed pages.

**Candidates should check the question paper to ascertain that all
the pages are printed as indicated and no questions are missing.**

SECTION A: GARMENT DESIGNING (20 marks)

Answer ONE question from this section.

1. (a) With the aid of illustrations, highlight the **four** basic skirt shapes. (12 marks)
- (b) With the aid of illustrations, outline **four** uses of lines in garments design. (8 marks)

2. Sketch a classic gents suit with the following details:
 - (i) Roll collar
 - (ii) Welt pocket
 - (iii) Single breast 3 buttoned opening
 - (iv) Waist darts
 - (v) Bound pockets with flaps
 - (vi) Decorative buttons at sleeve hem
 - (vii) Shaped hem
 - (viii) Looped waist band
 - (ix) Fly opening
 - (x) Hip pockets with double top stitch
 - (xi) Knife pleats
 - (xii) Turned up hem (20 marks)

SECTION B: GARMENT CUTTING (40 marks)

Answer TWO questions from this section.

3. (a) Outline **four** defects likely to occur at the following stages of production:
 - (i) marker reproduction; (2 marks)
 - (ii) spreading; (2 marks)
 - (iii) cutting; (2 marks)
 - (iv) bundling. (2 marks)

- (b) Explain the following terms:
- (i) pattern engineering; (2 marks)
 - (ii) marker efficiency; (2 marks)
 - (iii) shade separation; (2 marks)
 - (iv) marker duplication. (2 marks)
- (c) Explain **two** ways of cooling cutting blades. (4 marks)
4. (a) Explain **five** causes of fabric loss during lay planning. (10 marks)
- (b) Highlight **four** pattern instructions necessary in a master pattern. (6 marks)
- (c) Explain **two** objectives of bundling. (4 marks)
5. (a) Explain **five** factors to bear in mind when choosing a spreading method. (10 marks)
- (b) Outline **two** shortcomings for each of the following marking methods:
- (i) tailor's chalk; (2 marks)
 - (ii) hypodermic drill; (2 marks)
 - (iii) spraying. (2 marks)
- (c) Describe **two** ways of holding fabrics in position during spreading. (4 marks)

SECTION C: GARMENT MAKING (40 marks)

Answer TWO questions from this section.

6. (a) Outline **two** causes of each of the following:
- (i) needle marks; (2 marks)
 - (ii) puckering. (2 marks)
- (b) Explain **five** characteristics of a suitable fastener. (10 marks)

- (c) Explain **one** function of each of the following:
- (i) motion control screw; (2 marks)
 - (ii) thread take up lever; (2 marks)
 - (iii) presser foot tension screw. (2 marks)
7. (a) Outline **five** qualities of joining stitches. (5 marks)
- (b) Explain **five** factors to consider in the choice of an edge finishing method. (10 marks)
- (c) Outline **three** advantages and **two** disadvantages of cutting a fabric on bias. (5 marks)
8. (a) Outline the procedure of preparing a welt pocket. (10 marks)
- (b) Explain **four** functions of an interlining. (8 marks)
- (c) Distinguish tailor's tacks from tacking stitches. (2 marks)