

2803/103

ART, FASHION DESIGN AND SKETCHING I
AND CUTTING TECHNOLOGY I THEORY

June/ July 2020

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN FASHION DESIGN AND CLOTHING TECHNOLOGY

MODULE I

ART, FASHION DESIGN AND SKETCHING I AND CUTTING TECHNOLOGY I THEORY

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of EIGHT questions in THREE sections; A, B and C.

Answer ONE question from section A, TWO questions from section B and TWO questions from section C in the answer booklet provided.

Maximum marks for each part of a question are as indicated.

Candidates should answer the questions in English.

This paper consists of 4 printed pages.

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

SECTION A: ART AND DESIGN (20 marks)

Answer ONE question in this section.

1. (a) Distinguish between 'painting' and 'drawing'. (4 marks)
painting is to be
- (b) (i) Identify four colours of the spectrum. (4 marks)
- (ii) State three functions of colour in art and design. (3 marks)
- (c) (i) Explain the term 'space' as an element of art and design. (2 marks)
- (ii) Outline four kinds of space. (4 marks)
- (d) Explain each of the following fabric decoration terms:
- (i) dye bath; (1½ marks)
- (ii) dip dyeing. (1½ marks)
2. (a) Outline three objectives of each of the following in art and design:
- (i) painting; *for identification purpose for visibility, for aesthetic purposes, for expression of ideas, for refresh and mood.* (3 marks)
- (ii) quick sketching. (3 marks)
- (b) (i) Identify four tools of drawing. (4 marks)
pen, colours, pencils, palette, chalk
- (ii) State the three approaches to drawing. (3 marks)
Imagination, Memory, Observation
- (c) (i) Explain the term 'three-dimension' as used in lettering. (2 marks)
- (ii) Illustrate the upper case of letter 'b' in three-dimension. (3 marks)
3x12
- (d) Identify two types of wires used in wire sculpture. (2 marks)
Aluminium, Copper

SECTION B: FASHION DESIGN AND SKETCHING I (40 marks)

Answer TWO questions in this section.

3. (a) Illustrate each of the following types of collars:
- (i) Peter pan; (2 marks)
- (ii) Chelsea; (2 marks)
- (iii) Chinese; (2 marks)
- (iv) Roll. (2 marks)

(b) Highlight six methods of allowing for easy stride on skirt hemlines. (6 marks)

(c) Illustrate two ways in which a waistband may be used to create dominance on a short. (6 marks)

4. (a) Outline three functions of sleeves on a garment. (3 marks)

(b) Sketch the front view of a blouson blouse with the following details:

- (i) fringed peplum;
- (ii) standing collar;
- (iii) batwing sleeve with a seam;
- (iv) cuff(s);
- (v) topstitching;
- (vi) use of colour to create dominance.



(13 marks)

(c) Highlight four uses of a computer in a fashion house. (4 marks)

5. (a) Illustrate each of the following sleeve types:

- (i) bracelet;
- (ii) peasant;
- (iii) magyar.



(2 marks)

(2 marks)

(2 marks)

(b) Sketch the front view of a pair of shorts with the following details:

- (i) a fly opening with a double row of stitching;
- (ii) patch pockets with shaped mouth;
- (iii) turn-ups.



(8 marks)

(c) Explain the contribution of each of the following on the drape ability of a garment:

(i) grain direction; (2 marks)

(ii) fabric finish; (2 marks)

(iii) yarn type. (2 marks)

SECTION C: CUTTING TECHNOLOGY I (40 marks)

Answer TWO questions in this section.

6. (a) Outline four ways of utilizing cutting room remnants. (4 marks)
- (b) Describe each of the following lay planning methods:
- (i) manual; (2 marks)
- (ii) computerized. (2 marks)
- (c) Highlight four disadvantages of manual lay planning. (4 marks)
- (d) Explain four quality specifications in spreading. (8 marks)
7. (a) Explain four factors to consider when cutting a spread. (8 marks)
- (b) Highlight six ways of preventing accidents in a workshop. (6 marks)
- (c) Identify three lay marking methods. (3 marks)
- (d) Outline three ways of sorting out cut work. (3 marks)
8. (a) Identify four new developments in the cutting room. (4 marks)
- (b) Explain four sources of patterns used in a cutting room. (8 marks)
- (c) Outline four suitability factors for each of the following:
- (i) a spreading table; (4 marks)
- (ii) a straight knife cutting machine. (4 marks)
- Handwritten notes:*
- 6(d): - not suitable for large scale production, - cutting speed slow, - It is a slow process, - Can support.
 - 7(a): - Place the fabric, - supports lay, - cutting in cutting support, - cutting in cutting support, - cut edge must be clipped.
 - 7(b): - The cutting knife.
 - 7(c): - Manual marker planning in manufacture, - Manual marker planning with full size paper, - Computerized marker planning.
 - 8(b): - Commercial patterns, - Art made, - Dropped, - Production technique.
 - 8(c)(i): - should be affordable length, - should be good.
 - 8(c)(ii): - should have light weight, - should have light weight.

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