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2803/103

ART, FASHION DESIGN AND SKETCHING I  
AND CUTTING TECHNOLOGY I

Oct./Nov. 2019

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

3 hours

**INSTRUCTIONS TO CANDIDATES**

*This paper consists of **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 5 printed pages.**

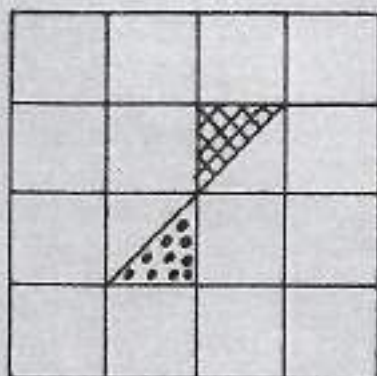
**Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.**

**SECTION A: ART AND DESIGN (20 marks)**

*Answer ONE question from this section.*

1. (a) (i) Distinguish between 'organic' and 'geometric' shapes. (4 marks)
- (ii) Highlight **two** uses of shapes in art and design. (2 marks)
- (b) Illustrate the appearance of the typographic symbols for each of the following: (4 marks)
- (i) percent;
- (ii) each at;
- (iii) dollar;
- (iv) pound.
- (c) (i) Differentiate between 'layout' and 'space' in art and design. (4 marks)
- (ii) Highlight **two** benefits of layout in art and design. (2 marks)
- (d) Describe the aqueous process of dye extraction from plants. (4 marks)
2. (a) Explain the term 'hue'. (2 marks)
- (b) Classify each of the following colours either as advancing or receding: (4 marks)
- (i) red purple;
- (ii) blue purple;
- (iii) green;
- (iv) orange.
- (c) Outline **three** objectives of each of the following papier-mâché finishing processes:
- (i) varnishing; (3 marks)
- (ii) drying. (3 marks)

- (d) Explain each of the following principles of organization in relation to the diagram illustrated below.



- (i) dominance; (2 marks)
- (ii) balance; (2 marks)
- (iii) rhythm; (2 marks)
- (e) Illustrate the following types of lines: (2 marks)
- (i) dotted wavy;
- (ii) spiral.

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

*Answer any TWO questions from this section.*

3. (a) Illustrate the colour wheel to show the basic, secondary and tertiary colours. (7 marks)
- (b) Highlight **three** objectives of a fashion illustration. (3 marks)
- (c) Sketch the front view of a lady's figure, dressed in an outfit with the following details:
- (i) straight skirt with a fan pleat;
- (ii) halter neckline with a jabot collar. (10 marks)

4. (a) Explain **two** benefits of optical illusion in fashion design. (4 marks)
- (b) Illustrate each of the following details:
- (i) frilled collar; (2 marks)
  - (ii) rever front; (2 marks)
  - (iii) asymmetrical opening; (2 marks)
  - (iv) saddle yoke. (2 marks)
- (c) Outline **four** desirable design qualities for a pyjama. (4 marks)
- (d) With the aid of illustrations, distinguish between a 'kangaroo' and a 'bellow' pocket. (4 marks)
5. (a) Highlight **three** functions of each of the following fashion design details: (6 marks)
- (i) facings;
  - (ii) tucks.
- (b) (i) State **two** uses of a tape measure during fashion designing. (2 marks)
- (ii) Outline **three** ways of caring for a tape measure. (3 marks)
- (c) Illustrate each of the following sleeve types: (6 marks)
- (i) Juliet.
  - (ii) petal;
  - (iii) lantern.
- (d) Identify **six** parts of a gents' collar. (3 marks)

**SECTION C: CUTTING TECHNOLOGY I (40 marks)**

*Answer any TWO questions from this section.*

6. (a) Explain **five** factors to consider when spreading fabrics. (10 marks)
- (b) (i) Explain **four** advantages of machine cutting. (8 marks)
- (ii) Outline **two** safety measures for those who work as cutters in a fashion design cutting room. (2 marks)
7. (a) Explain **three** aims of lay planning. (6 marks)
- (b) Describe **three** ways of making markers. (6 marks)
- (c) (i) Explain **two** advantages of using patterns in lay planning. (4 marks)
- (ii) Explain **two** ways of preserving patterns. (4 marks)
8. (a) Explain **three** ways of maintaining cutting equipment. (6 marks)
- (b) Highlight **three** ways of distinguishing different shades of colour during spreading. (3 marks)
- (c) Outline **five** ways of securing a spread. (5 marks)
- (d) Explain **three** shortcomings of modern technologies. (6 marks)

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