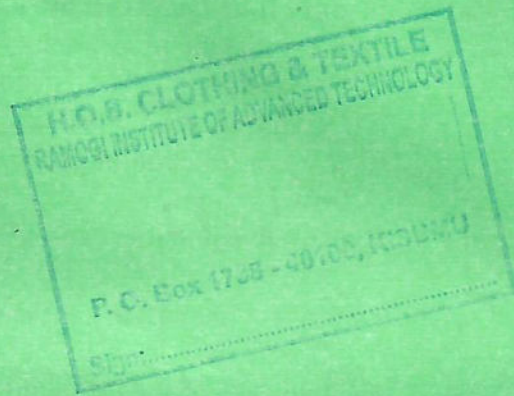


2803/302

CLOTHING CONSTRUCTION III THEORY

Oct./Nov. 2021

Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN FASHION DESIGN AND CLOTHING TECHNOLOGY

MODULE III

CLOTHING CONSTRUCTION III THEORY

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of SIX questions.

Answer any FIVE questions 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 3 printed pages.

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

1. (a) Identify **four** faults that are likely to occur during each of the following garment making processes:
- (i) fixing of buttons; (4 marks)
 - (ii) construction of pleats. (4 marks)
- (b) Explain **five** possible causes of fatigue to a machine operator. (10 marks)
- (c) Describe a 'made - to - measure' garment. (2 marks)
2. (a) Explain each of the following terms as used in garment construction processes:
- (i) frilling; (2 marks)
 - (ii) tacking. (2 marks)
- (b) Explain **five** factors to consider when designing openings. (10 marks)
- (c) Explain the importance of each of the following in the construction of a seam:
- (i) grading; (2 marks)
 - (ii) stay stitching; (2 marks)
 - (iii) pinking. (2 marks)
3. (a) Describe the steps for assembling a pair of shorts with the following details:
- (i) back yoke with decorative flaps;
 - (ii) belt carriers;
 - (iii) side pockets;
 - (iv) zip fly;
 - (v) button fastener. (10 marks)
- (b) Explain the term 'ironing'. (2 marks)
- (c) Explain **four** safety precautions to observe when using an electric steam iron. (8 marks)
4. (a) With the aid of illustrations, describe the procedure for making a semi-concealed zip opening. (11 marks)
- (b) Explain **three** factors that determine the strength of a seam. (6 marks)
- (c) Highlight **three** points to consider when choosing the colour of a sewing thread. (3 marks)

5. (a) Highlight **four** methods of enhancing flatness at corners of seams. (4 marks)
- (b) (i) Describe a 'piped seam'. (2 marks)
- (ii) With the aid of illustrations, explain the procedure for making a piped seam. (8 marks)
- (c) (i) Outline **two** similarities in the functions of 'topstitching' and 'under stitching' in garments. (2 marks)
- (ii) Explain **two** differences between the functions of 'topstitching' and 'under stitching' in garments. (4 marks)
6. (a) (i) Explain **two** shortcomings of interlinings in garments. (4 marks)
- (ii) Outline **four** functions of interlinings in garments. (4 marks)
- (b) Explain **two** challenges likely to be experienced when stitching each of the following:
- (i) bias binding; (4 marks)
- (ii) striped fabrics. (4 marks)
- (c) With the aid of illustrations, explain the procedure for making a plain closed seam. (4 marks)

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