



# **THE KENYA POLYTECHNIC UNIVERSITY**

## **COLLEGE**

**DEPARTMENT OF INSTITUTIONAL MANAGEMENT**

**DIPLOMA IN CLOTHING TECHNOLOGY**

**END OF YEAR I EXAMINATIONS**

**NOVEMBER 2007 SERIES**

**GARMENT CUTTING AND MAKING TECHNOLOGY**

**3 HOURS**

### **Instructions to Candidates**

*This paper consist two sections A & B*

*Answer **THREE** questions from section A and **TWO** questions from section B*

This paper consists of 3 printed pages

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## SECTION A

### GARMENT MAKING THEORY (60 marks)

*Answer Any 3 Questions from this section.*

1. (a) Explain the construction of an open seam on a poplin fabric using straight stitch machine, by using well illustrated diagrams. (10 marks)
- b) Explain how to finish a wide dart on a heavy fabric to ensure that it is not bulky (5marks)
- (c) Outline TWO suitable fabrics that are suitable for making a child's clothes, and explain their properties (5 marks)
- 2 (a) Discuss FIVE functions of pockets (10 marks)
- (b) Explain in form of diagrams the procedure of making one of them (10 marks)
- 3 (a) Highlight some of the key factors that you consider when buying sewing equipments. (10 marks)
- (b) Describe FIVE desirable characteristics of a fastener. (10 marks)
- 4 (a) Explain how to rectify the following machine faults
  - i. Needle not picking
  - ii. Thread cutting
  - iii. Material not moving
  - iv. Formation of loops
  - v. Needle not moving (20 marks)

- 5 (a) Explain the importance of learning clothing construction  
(10 marks)
- (b) Explain how to take care of a sewing machine  
10(marks)

**SECTION B: GARMENT CUTTING (40 marks)**

*Answer Any Two Questions from This Section*

6. (a) Outline and explain FIVE equipment used in the cutting room  
(10marks)
- (b) Explain the five types of fusing in the cutting room  
(10 marks)
7. (a) Explain the main factors to consider when planning the location  
of cutting room  
(10marks)
- (a) Outline FIVE personnel found in the cutting room and discuss  
their main duties  
(10marks)
8. a) Explain any FIVE effects of poor quality cutting to the sewing  
room  
(10 marks)
- b) Discuss factors to control cloths in the cutting room  
(10 marks)