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1801/103
WORKSHOP ORGANIZATION AND
GENERAL INFORMATION
June/July 2015
Time: 3 Hours

Candidate's Signature _____

Date _____



THE KENYA NATIONAL EXAMINATIONS COUNCIL

**CRAFT CERTIFICATE IN FASHION DESIGN AND
GARMENT MAKING TECHNOLOGY
MODULE I**

WORKSHOP ORGANIZATION AND GENERAL INFORMATION

3 Hours

INSTRUCTIONS TO CANDIDATES

Write your name and index number in the spaces provided above.

Sign and write the date of examination in the spaces provided above.

This paper consists of SIX questions.

Answer QUESTION ONE and any other FOUR questions in the spaces provided in this question paper.

All questions carry equal marks.

Candidates should answer the questions in English.

For Examiner's Use Only

Question	1	2	3	4	5	6	TOTAL SCORE
Candidate's Score							

This paper consists of 16 printed pages.

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

Answer question 1 and any other **FOUR** questions.

1. (a) Explain **three** ways in which a trainer can positively influence the behaviour of trainees. (6 marks)
- (b) Explain **three** effects of each of the following in a workshop:
- (i) poor lighting; (6 marks)
 - (ii) poor ventilation. (6 marks)
- (c) Highlight **two** characteristics of a low quality product. (2 marks)
2. (a) Explain **two** objectives of sounding the alarm during a fire outbreak. (4 marks)
- (b) Differentiate between the following:
- (i) disposing of waste and recycling of waste; (4 marks)
 - (ii) open circuit and short circuit. (4 marks)
- (c) Explain **four** possible effects of faulty machinery in production. (8 marks)
3. (a) Explain the term 'maintenance culture'. (2 marks)
- (b) Outline **two** advantages and **one** disadvantage for each of the following:
- (i) breakdown maintenance; (3 marks)
 - (ii) preventive maintenance. (3 marks)
- (c) Describe the following material transporting systems, citing **two** disadvantages in each case:
- (i) manual; (4 marks)
 - (ii) conveyor belt. (4 marks)
- (d) Explain **two** objectives of using bins in a workshop. (4 marks)
4. (a) Explain **five** characteristics of a suitable plant layout. (10 marks)
- (b) Highlight **three** benefits of protective workwear in a workshop. (6 marks)
- (c) Explain the objectives of each of the following:
- (i) breaking a task into elements; (2 marks)
 - (ii) establishing break points in elements. (2 marks)

5. (a) Outline **two** advantages and **two** disadvantages of the progressive bundle production system. (4 marks)
- (b) Identify **six** operations which can be done using machine attachments. (3 marks)
- (c) Explain **four** possible causes of delay in a production line. (8 marks)
- (d) Outline **five** components of a product's cost. (5 marks)
6. (a) Explain **three** ways of minimizing wastage of factory services. (6 marks)
- (b) Explain **three** objectives of emergency exits in a workshop. (6 marks)
- (c) (i) Explain the term 'inspection'. (2 marks)
- (ii) Identify **four** items to check during fabric inspection. (2 marks)
- (d) Describe the following ways of checking incoming fabrics:
- (i) manual; (2 marks)
- (ii) machine. (2 marks)