



# MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)

University Examinations 2015/2016

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FIRST SEMESTER EXAMINATION FOR DIPLOMA IN FASHION DESIGN AND  
MARKETING

EXAMINATION FOR DIPLOMA IN FASHION DESIGN AND MARKETING.

FDD 104: MACHINE MAINTENANCE

**Date: 8/8/2016**

**Time: 2:00 – 4:00 PM**

## INSTRUCTIONS TO THE CANDIDATE.

1. Question **one** is **compulsory** and it carries 30 marks
  2. Answer **any other two questions**, each carries 20 marks.
- 
1. (a) Muthoni wanted to purchase a sewing machine for her newly started enterprise in making designer outfits. She visited many machine shops in order to make a decision on the kind of machine to buy. Highlight how the following will assist her choose the machine.
    - i) Price. (2 marks)
    - ii) Size of her workshop. (2 marks)
    - iii) Machine functions. (2 marks)
    - iv) Availability of spare parts. (2 marks)
    - v) Number of activities it can do. (2 marks)
  - (b) Explain any five rules which are needed to be observed in a workshop. (10 marks)
  - (c) State the main purpose of machine maintenance. (5 marks)
  - (d) Using illustrations show any **five** pressing tools. (5 marks)

## QUESTION TWO

- (a) Draw a sewing machine head and show any ten important parts. (12 marks)
- (b) Explain the functions of the following machine:
- i) Overlock machine. (2 marks)
  - ii) Chain stitch machine. (2 marks)
  - iii) Round knife. (2 marks)
  - iv) Twin needle machine. (2 marks)

## QUESTION THREE

Using a table illustrate the faults, causes and remedies found in a sewing machine. (20 marks)

## QUESTION FOUR

4. (a) Describe **three** in each of the following tools/equipment and show their importance in fashion design.
- i) Drawing tools/equipment. (4 marks)
  - ii) Pressing tools/equipment. (4 marks)
  - iii) Marking tools. (4 marks)
- (b) Explain any four methods of oiling a sewing machine. (8 marks)

## QUESTION FIVE

- a) Explain the difference between shears and scissors giving two examples in each. (10 marks)
- b) Explain the importance of a good workshop (10 marks)