



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

CERTIFICATE IN FASHION DESIGN AND MARKETING

HFM 011: TECHNICAL DESIGN IN THE FASHION INDUSTRY

DATE: 3/12/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS:

Answer question one and any other two.

QUESTION ONE (30 MARKS)

- a) Define :
 - i. Methodstudy
 - ii. Working environment
 - iii. Layout
 - iv. Quality control
 - v. Accident (10 marks)
- b) State two types of layout in clothing plant. (2 marks)
- c) Highlight three advantages of a good layout. (3 marks)
- d) Outline six characteristics of a good plant layout. (6 marks)
- e) State five benefits of workmeasurement. (5 marks)
- f) Highlight any four production systems in a clothing factory. (4 marks)

QUESTION TWO (20 MARKS)

- a) Discuss five effects of quality control on production. (10 marks)
- b) briefly explain five characteristics of product quality. (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain any seven factors that must be considered when planning for safety at the workplace. (14 marks)
- b) A safety management system should take into account three major elements in accident prevention process. Highlight these elements (6 marks)

QUESTION FOUR (20 MARKS)

Briefly explain ten roles and responsibilities of a quality supervisor to students who are on internship at Neodesigns Manufacturing Plant.

QUESTION FIVE (20 MARKS)

- a) Distinguish between method study and work measurement. (6 marks)
- b) Two fashion students will be attached in the garment manufacturing unit in EPZ .Explain to them seven aims of quality control in a manufacturing unit. (14 marks)