



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

THIRD YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (FASHION DESIGN AND MARKETING)

HFM 309: TECHNICAL DESIGN IN THE FASHION INDUSTRY

DATE: 13/11/2020

TIME: 8:30 – 10:30 AM

INSTRUCTIONS:

Answer *question 1* (30 marks) and any other *TWO questions*. (20 marks each)

QUESTION ONE (30 MARKS)

- a) Define the following terms:
- i. Quality. (2 marks)
 - ii. Work study. (2 marks)
 - iii. Plant layout. (2 marks)
 - iv. Safety. (2 marks)
 - v. Working environment. (2 marks)
- b) Highlight five (5) benefits of quality control. (5 marks)
- c) State five (5) safety precautions observed in clothing factory. (5 marks)
- d) Explore five (5) characteristics of product quality. (5 marks)
- e) Explain five (5) roles played by a quality manager. (5 marks)

QUESTION TWO (20 MARKS)

Present to an interview panel the following production system:

- a) Make through system. (10 marks)
- b) Whole garment production system. (10 marks)

QUESTION THREE (20 MARKS)

Discuss with other technical designers the procedure of performing a complete work study.

QUESTION FOUR (20 MARKS)

Jane is an auditor in Sunflag industry, discuss five (5) types of audits she is bound to use from time to time.

QUESTION FIVE (20 MARKS)

Present to your classmates:

- a) Five (5) advantages of process layout. (10 marks)
- b) Five (5) disadvantages of process layout compared with product layout. (10 marks)