



MACHAKOS UNIVERSITY

University Examinations 2021/2022 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: 10/12/2021

TIME: 2.00-4.00 PM

INSTRUCTIONS

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

QUESTION ONE (30 MARKS)

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

QUESTION TWO (20 MARKS)

Discuss with first year students in the fashion design the following production system:

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

QUESTION THREE (20 MARKS)

Explain to your colleagues the procedure of performing a complete work study.

QUESTION FOUR (20 MARKS)

James is an auditor in Rivertex industry, Discuss five (5) types of audits she is bound to use from time to time.

QUESTION FIVE (20 MARKS)

Present to an interview panel:

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