



**MACHAKOS UNIVERSITY**

**UNIVERSITY EXAMINATIONS 2021/2022**

**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

**DEPARTMENT OF FASHION DESIGN AND MARKETING**

**THIRD YEAR REGULAR EXAMINATION FOR BSC IN FASHION DESIGN AND  
MARKETING**

**HFM 309: TECHNICAL DESIGN IN THE FASHION INDUSTRY**

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Q. 1a) Define the following terms;

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|-------------------------|-----------|
| i. Work study           | (2 marks) |
| ii. Plant layout        | (2 Marks) |
| iii. Safety             | (2 marks) |
| iv. Working environment | (2 marks) |
- b) Explain five (5) safety precautions observed in clothing factory. (5 Marks)
- c) Explore five (5) characteristics of product quality. (5 Marks)
- d) Explain five (5) roles played by a production manager (5 Marks)
- e) Highlight five (5) benefits of quality control (5 Marks)

Q.2 Present to an interview panel the following production system;

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|-------------------------------------|------------|
| i. Make through system              | (10 Marks) |
| ii. Whole garment production system | (10 Marks) |

Q.3 Discuss with other technical designers the procedure of performing a complete work study (20 Marks)

Q.4 As an auditor in fashion apparel industry, describe five (5) types of audits you are bound to use from time to time. (20 Marks)

Q.5a) Present to your classmates;

- i. Five (5) advantages of process layout
- ii. Five (5) disadvantages of process layout compared with product layout