

2nd SEM. 2008/2009



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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : BACHELOR OF SCIENCE IN
TEXTILE AND APPAREL DESIGN
MANAGEMENT YEAR IV**

COURSE CODE : TADM 407

TITLE OF PAPER : GARMENT TECHNOLOGY

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION ONE (1)
AND ANY OTHER (2) QUESTIONS**

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 [COMPULSORY]

- a) What are the four apparel production systems that can be utilised in apparel production. Explain how they work and what two advantages or disadvantages does each system have.
4X5 = (20)
- b) Discuss the workflow, and production equipment used in constructing the garments in the course, and highlight any problems you encountered while using the equipment.
(20)
[Total Marks = 40]

QUESTION 2

- a) Discuss, concentrating on the pre-adoption process, how a designer in a firm producing staple goods would design a product line. Include characteristics of the product line items.
(20)
- b) Why would a large firm subcontract a small firm in producing an order?
(10)
[Total Marks [30]

QUESTION 3

- a) Discuss the four (4) areas that need special considerations when conducting an operational flow chart analysis of an apparel production facility.
(20)
- b) Explain five (5) different industrial sewing machines that can be used in an apparel company, including their functionalities.
5X2 = (10)
[Total Marks [30]

QUESTION 4

- a) How was management control accomplished in the four sections of your group for the class project?
(20)
- b) With an aid of a diagram, describe five (5) stitch classes that can be used in apparel production.
(10)
[Total Marks [30]