UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME	:	BACHELOR OF SCIENCE IN TEXTILE AND APPAREL DESIGN MANAGEMENT YEAR IV
COURSE CODE	:	TADM 309
TITLE OF PAPER	:	GARMENT TECHNOLOGY
TIME ALLOWED	:	TWO (2) HOURS
INSTRUCTIONS	:	ANSWER QUESTION ONE (1) AND ANY OTHER (2) QUESTIONS

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QUESTION 1 [COMPULSORY]

a)   Laying of fabric can be done in **four (4)** different ways according to the American Society for quality control. State them with the images showing the fabric surfaces and indicate the ideal fabric and design style to use for each method.
(16 Marks)

b)   What allowances are used for **four (4)** different sewing machines in calculating the SMV?   **(4 Marks)**

c)   You are a manager of an apparel firm. What aspects of quality control do you consider vital? Use a specific garment as an example.   **(20 Marks)**

[TOTAL MARKS = 40]

QUESTION 2

a)   State the procedure for material handling by big apparel firms upon receiving a container, and how the fabric is stored.   **(20 Marks)**

b)   Differentiate between **five (5)** finishing equipment discussed in class.
(10 Marks)
[TOTAL MARKS = 30]

QUESTION 3

a)   Discuss the role of a computer in the following areas in apparel production. Include an advantage under each subsection.
   a)   Fabric design
   b)   Pattern making section
   c)   Pattern grading and marker making section
   d)   Cutting section
   e)   Sewing section

(20 Marks)

b)   Large apparel firms have advantages over small firms. State **five (5)** advantages of large firms.

(10 Marks)

[TOTAL MARKS = 30]

QUESTION 4

a) You have received a loan from the 40 Million Fund and one of the requirements is to submit a report on how you would utilise the money to your best advantage. Discuss your plan using the following subtopics:
   i)   Product development
   ii) Production equipment   **(20 Marks)**

b)   Outsourcing is a major practice used in the apparel industry. What are the advantages of this practice?   **(5X2 = 10 Marks)**
                                                        [TOTAL MARKS = 30]