

2ND SEM. 2013/14



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UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER

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

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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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 [COMPULSORY]

- (a) According to Carr & Latham (2000), briefly describe the processes involved after cutting pattern pieces from the lay of fabric on the cutting table in preparation to sew the pieces together.

(4 x 4 = 16 Marks)

- (b) In garment production, seam types are indicated in the work ticket by using codes. Name four seam types and include their relevant codes. Include where they are most appropriately used on a garment.

(3 x 4 = 12 Marks)

- (c) With an aid of an illustration, show the components of a specification sheet.

(12 Marks)

[TOTAL MARKS = 40]

QUESTION 2

- (a) Define what is AGOA and why was it passed as a law? State five (5) apparel provisions under AGOA I.

(5 + 5 = 10 Marks)

- (b) State when were AGOA II, AGOA III, AGOA IV passed into law and what were the two (2) provisions under each AGOA?

(6 + 6 = 12 Marks)

- (c) Why it is important to maintain the eligibility status of Swaziland under AGOA

(4 Marks)

- (d) Give four (4) sewing thread packages and where they are used.

(4 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- (a) Describe the properties of the following sewing threads in terms of sewability, durability, abrasion resistance, colourfastness and shrinkage resistance.

- (i) Cotton
- (ii) Mercerized cotton
- (iii) Polycotton
- (iv) Polyester
- (v) Nylon

(5 x 5 = 25 Marks)

- (b) State which is the best type of thread to use in sewing a garment made from 100% linen fabric and why?

- (3 Marks)
- (c) Differentiate between sewability and tailorability.
- (2 Marks)

[TOTAL MARKS = 30]

QUESTION 4

- (a) What are the key components in costing a garment and indicate appropriate percentages of each component to the overall price of a garment.
- (10 Marks)

- (b) For maintaining pleats permanently using a polyester fabric, what type of pressing is required and what conditions would give you the desired end result.
- (5 Marks)

- (c) Why is it important to conduct method and time studies?
- (4 + 6 = 10 Marks)

- (d) Describe the sewing production system used at Fashion International.
- (5 Marks)

[TOTAL MARKS = 30]