

2nd SEM. 2015/16



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UNIVERSITY OF SWAZILAND
MAIN 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) Mass production of apparel has evolved over the years. Discuss how it has been transformed from what it used to be and include the notable changes that have occurred in the industry.
(20 Marks)
- (b) Selection of appropriate stitch classes is vital in ensuring a good quality product. List the stitch class under the 500 class stitch that uses **two (2)** and **four (4)** threads, and state their uses.
(15 Marks)
- (c) What are the functions of pressing?
(5 Marks)

[TOTAL MARKS = 40]

QUESTION 2

- (a) Discuss the overview of the apparel industry in Swaziland and the current status of the AGOA generalised system of preferences.
(20 Marks)
- (b) List **five (5)** operations sewn on your project for the course and state what machines were used and what type of seam and stitching were used.
(10 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- (a) After graduation from college, you are likely to be an entrepreneur in the apparel manufacturing industry. As an entrepreneur starting off, you would operate as what type of business, and what would be your competitive edge?
(10 Marks)
- (b) Describe the computerized marker making method, calculation of fabric utilization and what affects utility of the fabric?
(10 Marks)
- (c) What are the fabric spreading and cutting requirements in apparel manufacture?
(10 Marks)

[TOTAL MARKS = 30]

QUESTION 4

- (a) Sewing threads are available in different types but should be durable, facilitate sewability and tailorability or garment production. Discuss the required qualities of sewing threads for the above mentioned aspects. (10 Marks)
- (b) Define a cost price, and briefly describe the components in costing a product. (14 Marks)
- (c) List the cutting methods that can be used in an apparel manufacturing firm. (6 Marks)

[TOTAL MARKS = 30]