



1ST SEM. 2011/2012

PAGE 1 OF 2

**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

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

COURSE CODE : TADM 402

**TITLE OF PAPER : QUALITY CONTROL AND
ASSURANCE IN TEXTILES AND
APPAREL**

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]

Discuss one of the quality conceptual frameworks in the clothing and textiles area.

[Total Marks = 40]

- product
- customer

QUESTION 2

- (a) Discuss the customer perspective, under linking products, quality and customers in the context of a LEE jean. (3x5 = 15)
- (b) According to Kadolph (2007), describe the three (3) types of testing applied to product development and other activities. (3x5 = 15)

• lab test
• field testing

- product

[Total Marks = 30]

QUESTION 3

- (a) In evaluating quality of apparel products, there are four (4) different types of inspections that monitor the attainment of quality products. Describe what each type of inspection entails and how quality is ensured. (4x5 = 20)

→ lab testing
→ product testing

- pre production

- (b) In the textiles and clothing area, what are the five (5) key international bodies that assist in the development of test methods? (5x2 = 10)

- in process
- trim and check
- final inspection

ISO
BS
ATAT

ISO

[Total Marks = 30]

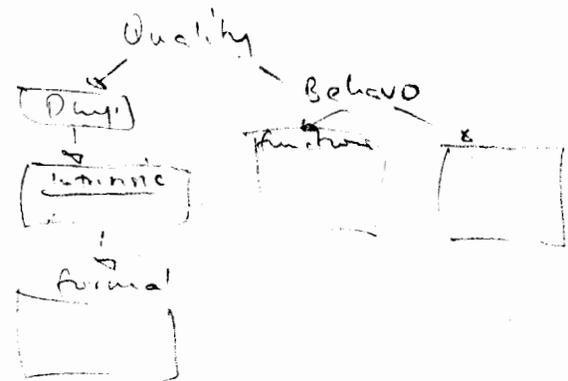
QUESTION 4

- (a) In the inspection model of the evaluative process in textiles and apparel, detection of defects may be a challenge due to the complex nature of problems that may lead to compromised quality. Explain the causes of problems leading to defects. (2x5 = 10)
- (b) Discuss five (5) factors of consideration in the production environment that would be required by international buyers to place an order in a local apparel company. (5x4 = 20)

- machine
- human
+

I T C
- emotional

- sensory
- touch
- smell
- hear
- see
- taste



[Total Marks = 30]

- ① - capacity
 - ② - health & safety
 - ③ - safety human
 - ④ - regulatory compliance
 - ⑤ -
- cost
- design
- construction
- fit