

1ST SEM. 2009/2010



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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE : TADM 205

TITLE OF PAPER : TEXTILE SCIENCE AND LAUNDRY

TIME ALLOWED : TWO (2) HOURS

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

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1

- a) Textile fibres can be classified in various ways. Classify the fibres on the basis of their origin and give examples for each category.

(8 Marks)

- b) Laundry Detergents and Laundry aids are available in different forms to perform variety of functions. List eight (8) forms in which these products are available and explain function of any six (6) laundry detergents and laundry aids.

(20 Marks)

- c) Define or explain the term retting. Describe any three retting processes.

(12 Marks)

[8+20+12=40 Marks]

QUESTION 2

In order to qualify as a suitable substance for use as textile fibre, the product must have certain essential properties or characteristics. Explain any five primary and five secondary properties of textile fibres.

(10 x 3 = Marks 30)

QUESTION 3

Explain the manufacturing process of nylon.

(30 Marks)

QUESTION 4

Explain following methods or terms:

- i.) Yarn twist
- ii.) Yarn Size
- iii.) Novelty and Speciality yarns
- iv.) Carding and combing
- v.) Spinning

(30 Marks)