

2nd SEM. 2009/2010



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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : BACHELOR OF SCIENCE IN
CONSUMER SCIENCES EDUCATION
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**

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GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1
(COMPULSORY)

- a) Define or explain following terms:
- i.) Textile fibres
 - ii.) Cross sectional shape of fibres
 - iii.) Tensile strength
 - iv.) Elasticity and Elongation
 - v.) Yarn twist
 - vi.) Yarn Size

(4x6 = 24 Marks)

- a) Explain eight (8) steps you will carry out to launder cotton fabrics.

(2x8 =16 Marks)

[Total = 40 Marks]

QUESTION 2

Woollen textiles are very widely used for apparels. Describe the production and processing of wool fibres.

(15 x 2 = 30 Marks)

QUESTION 3

- a) There are different types of yarns manufactured for various end uses. What are simple and novelty yarns. Describe their properties.

(6 x 2 = 12Marks)

- b) Man-made textile fibres can be spun by various processes. Explain all the spinning processes, their advantages and disadvantages.

(6 x 3=18 Marks)

[Total = 30Marks]

QUESTION 4

- a) Fabrics can be constructed by various elements of textiles. Explain the processes and examples of fabrics constructed using following:

- i.) Solution
- ii.) Fibres
- iii.) Yarns
- iv.) Composite fabrics
- v.) Multi-component fabrics

(6x5 = 30 Marks)