



2ND SEM. 2006/2007

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME : DIPLOMA IN HOME ECONOMICS
EDUCATION & HOME ECONOMICS
YEAR II**

COURSE CODE : TAD 202

TITLE OF PAPER : TEXTILE SCIENCE AND LAUNDRY

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION 1
(COMPULSORY) AND
ANY ADDITIONAL (2)
QUESTIONS.**

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QUESTION 1 [COMPULSORY]

- a) Give an account of the evolution of textile industries from the nomadic life to the technology age.
[15 marks]
- b) State five uses of fibres.
[5 marks]
- c) Differentiate the natural fibres in terms of their physical structures.
[20 marks]
- [Total = 40 marks]

QUESTION 2

- a) Define a surfactant and state **four (4)** groups of surfactants that can be used in detergents.
[2 x 5 = 10]
- b) State **five (5)** advantages of detergents and explain how a detergent removes dirt from a soiled garment.
[2 x 5 = 10]
- c) What are the **five (5)** major care symbols for clothes and for each symbol show the options that may be applicable to a garment.
[10 marks]
- [Total = 30 marks]

QUESTION 3

- a) What is the discriminating test that can be performed to determine the fibre content of a garment with some 90% surety? State the specifics for the following fibres polyester, linen, wool and acrylic.
[10 marks]

- b) Linen is a strong natural fibre that is ideal for summer wear. State how one gets the fibre from the plant, and the properties that make it suitable for this season.

[20 marks]

[Total = 30 marks]

QUESTION 4

- a) Explain how you would launder and finish a floral cotton blouse with an embroidered collar that has a paint stain. Include a justification for your answer.

[20 marks]

- b) Describe **five (5)** fabric weaves that one can have under woven fabrics, and give an example for each.

[10 marks]

[Total = 30 marks]