

2<sup>ND</sup> SEM. 2011/2012

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**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN  
TEXTILE AND APPAREL DESIGN &  
MANAGEMENT YEAR II  
BACHELOR OF SCIENCE IN  
CONSUMER SCIENCE 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 (2) QUESTIONS**

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GRANTED BY THE CHIEF INVIGILATOR**

**QUESTION 1 (COMPULSORY)**

- a) List and explain **five (5) good properties or advantages** of linen fabric or linen clothes. **[5 x 3 = 15]**
- b) **Classify stains in laundry into four (4) groups** and give examples for each and every group. **[4 x 2 = 8]**
- c) Explain **three (3) reasons or purposes** why **fabric finishes** were developed by textile scientists? **[3 x 3 = 9]**
- d) Name **four (4) kinds of soaps you know** and give examples. **[4 x 2 = 8]**

**[TOTAL MARKS = 40]**

**QUESTION 2**

- a) When is **colour or dye** applied on textile products? List three stages at which **colour or dye** may be applied and give advantage of each. **[3 x 2 = 6]**
- b) Name **four (4) fabric patterns or fabric designs** produced by use of dyes and give examples. **[4x 2 = 8]**
- c) Compare the **burning test of polyester and silk** under the following topics:
- i) Approaching flame
  - ii) In the flame
  - iii) Removed from flame
  - iv) Odour
  - v) Residue left. Tabulate your answer in this way:

	TOPICS	POLYESTER	SILK
i)			
ii)			

**[5 x 3 + 1 = 16]**

**[TOTAL MARKS = 30]**

**QUESTION 3**

- a) List and discuss **five (5) properties of silk** that make it **desirable for clothes**, excluding expensiveness of silk. **[5 x 3 = 15]**
- b) Name and discuss **five (5) steps in laundry-work** that are often performed by consumers to **look presentable** or to keep their clothes **in good condition**. **[5 x 3 = 15]**

**[TOTAL MARKS = 30]**

**QUESTION 4**

- a) Explain **three (3) reasons** for **labelling textile goods or merchandise**.  
[3 x 2 = 6]
- b) Write briefly about the **environmental impact** of **nylon**. [3 x 2 = 6]
- c) Which **laundry labour saving equipment** would you buy for **your family** and for the **SOS orphanage** and **why**? [3]
- d) Why was **lyocell** **developed**? Explain briefly and cite the countries where it is produced. [3]
- e) By means of **well labelled diagrams**, show **six groups/ categories** of internationally used **care symbols on clothes**. [6 x 2 = 12]

**[TOTAL MARKS = 30]**