2ND SEM. 2011/2012



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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME

BACHELOR OF SCIENCE IN

TEXTILE AND APPAREL DEASIGN &

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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QUESTION 1 (COMPULSORY)

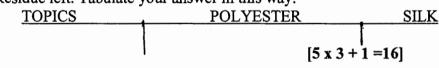
- a) List and explain five (5) good properties or advantages of linen fabric or linen clothes. [5 \times 3 = 15]
- b) Classify stains in laundry into four (4) groups and give examples for each and every group. $[4 \times 2 = 8]$
- c) Explain three (3) reasons or purposes why fabric finishes were developed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

$$[4 \times 2 = 8]$$
[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. $[3 \times 2 = 6]$
- 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

i) ii) v) Residue left. Tabulate your answer in this way:



[TOTAL MARKS = 30]

QUESTION 3

- a) List and discuss five (5) properties of silk that make it desirable for clothes, excluding expensiveness of silk. $[5 \times 3 = 15]$
- 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.

$$[5 \times 3 = 15]$$

[TOTAL MARKS = 30]

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QUESTION 4

- a) Explain three (3) reasons for labelling textile goods or merchandise. $[3 \times 2 = 6]$
- b) Write briefly about the environmental impact of nylon. $[3 \times 2 = 6]$
- c) Which laundry labour saving equipment would you buy for your family and for the SOS orphanage and why?
- 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]