



**2<sup>nd</sup> SEM. 2007/2008**

**PAGE 1 OF 3**

**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN  
HE, HEE and TADM YEAR II**

**COURSE CODE : TADM 205**

**TITLE OF PAPER : TEXTILE SCIENCE & 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) Garment labels can be grouped into three types. State the types and give six illustrations learnt in class on the type that is related to fibre identification or processing.  
6 + 12 = [18 marks]
- (b) Compare the laundering, finishing and other equipment used in a typically rural setting with those used in a typically urban setting. State one use for each required tool.  
[20 marks]
- (c) Define finishing in the laundry context.  
[2 marks]
- [Total marks = 40]**

**QUESTION 2**

Garments are labeled using the international care labeling system.

- a) Define the washing process to guide consumers when taking care of their clothes.  
b) What are the eight options you can have for only the washing process and explain the meaning when using a washing machine or when hand washing? Include one example of fabric that is suitable for each option. 2 + 8 X 4 = [26 marks]  
c) State the meaning of the other two remaining washing symbols.  
[4 marks]
- [Total marks = 30]**

**QUESTION 3**

- (a) Describe the burning response of natural cellulosic fibres versus the natural protein fibres.  
[10 marks]
- (b) Contrast the burning response of rayon and polyester.  
[10 marks]
- (c) Rayon and polyester are both man-made fibres. How do they differ?  
[10 marks]
- [Total = 30 marks]**

**QUESTION 4**

- (a) Describe the care of a garment made from wool with respect to chemical properties.

[18 marks]

- (b) How do the physical properties affect the performance of a fabric made from wool?

[12 marks]

**[Total marks = 30]**