



1ST SEM. 2017/ 18

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**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

**PROGRAMME : BACHELOR OF SCIENCE IN TEXTILE
APPAREL DESIGN AND MANAGEMENT YEAR
II**

COURSE CODE : TAD201

TITLE OF PAPER : TEXTILE CARE

TIME ALLOWED : TWO (2) HOURS

**INSTRUCTIONS : ANSWER QUESTION ONE (1)
AND ANY OTHER TWO (2) QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY
THE CHIEF INVIGILATOR**

QUESTION 1(COMPULSORY)

- a) Differentiate between precipitating and non-precipitating packaged water softeners
(8 Marks)
- b) With the aid of illustrations show the cleansing action of soaps on soiled textiles
(10 Marks)
- c) Give **three (3)** differences between soaps and detergents
(6 Marks)
- d) Briefly describe the **five (5)** basic laundering steps
(10 Marks)
- e) Name **four (4)** factors that influence the physical integrity of textile products
(4 Marks)
- f) Name **two (2)** properties that can be imparted on a garment by fabric softeners
(2 Marks)

[TOTAL MARKS = 40]

QUESTION 2

- a) List and briefly explain **five (5)** reasons that can lead to poor stain removal during laundering
(15 Marks)
- b) The dry cleaning process requires three steps. Briefly describe those steps and give **three (3)** advantages of dry cleaning
(12 Marks)
- c) List **three (3)** problems caused by hard water in laundry
(3 Marks)

[TOTAL MARKS = 30]

QUESTION 3

- a) Name and briefly describe all the washing instructions that should be included in a care label
(12 Marks)
- b) Briefly describe how you would care for a sweater with the following care label



(10 Marks)

- c) Briefly discuss **four (4)** factors that affect soil release in fabrics
(8 Marks)

[TOTAL MARKS = 30]

QUESTION 4

- a) Explain how you can get rid of persistent odour problems in garments (4 Marks)
- b) Give **five (5)** different classes of stains, giving an example for each class (10 Marks)
- c) Name **two (2)** chemicals that are normally used to impart soil repellence in fabrics , and state one major difference between the two chemicals (4 Marks)
- d) Explain how the following stains can be removed from garments (9 Marks)
 - i. Blood
 - ii. Tea
 - iii. Chewing gum
- e) Name **three (3)** major functions of surfactants during the laundering process (3 Marks)

[TOTAL MARKS = 30]