



TECHNICAL UNIVERSITY OF MOMBASA

Faculty of Business & Social Studies

DEPARTMENT OF HOSPITALITY & TOURISM

DIPLOMA IN HOTEL & INSTITUTIONAL MANAGEMENT

(DHIM J13)

BHC 2103 : TEXTILES AND LAUNDRY

END OF SEMESTER EXAMINATIONS

SERIES: DECEMBER 2013

TIME: 2 HOURS

INSTRUCTIONS:

- This paper consists of Sections **A** and **B**.
- Section **A** is **Compulsory**. Answer any **TWO** questions in Section **B**.
- Mobile phones are not allowed into the examination room.
- Cheating leads to disqualification.
- ***This paper consists of Three printed pages.***

SECTION A (Compulsory) 30 Marks

QUESTION 1

- a) Define the following terms:
- i) Yarn (2 marks)
 - ii) Cross ways (2 marks)
 - iii) Bias (2 marks)
 - iv) Soap less detergents (2 marks)
 - v) Water (2 marks)

QUESTION 2

Briefly explain five properties of wool fiber. (10marks)

QUESTION 3

Briefly explain five substances added to soaps and soap less detergent during manufacture to enhance the cleansing power of the fabrics (20 marks)

SECTION B (Answer any TWO questions) 40 Marks

QUESTION 4

- a) Cotton is made from the natural vegetable fiber. Explain how it is processed as the cotton fabric. (10 marks)
- b) Give and explain five properties of cotton fiber. (10marks)

QUESTION 5

- a) Explain four disadvantages of hard water as a laundry agent. (5marks)
- b) Two commonly used bleaches in laundry are sodium hypochlorite and hydrogen peroxide. Explain how it works as a laundry agent on fabrics. (5marks)
- c) Explain reasons for using each of the following laundry agents.
- i) Starch (2marks)
 - ii) Fabric conditions (2marks)
 - iii) Salt (2marks)

iv) Laundry Blue

(2marks)

QUESTION 6

Explain some of the following special treatments given to fabrics in Laundry work.

i) Boiling

(5marks)

ii) Chemical disinfectants

(5marks)

iii) Fumigation

(5marks)

iv) Use of steam

(5marks)

QUESTION 7

Synthetic fibers are produced by man from simple chemicals compounds. Discuss.

(20marks)