



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016

**FOURTH YEAR FIRST SEMESTER EXAMINATIONS FOR THE
DEGREE OF BACHELOR OF ARTS IN TEXTILE AND APPAREL
DESIGN WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

ADT 444: TRENDS IN TEXTILE AND APPAREL INDUSTRY

Date: 6th January, 2016

Time: 8.30 - 10.30 am

INSTRUCTIONS:

- This examination is divided into TWO sections A and B.
- SECTION A (40 MARKS): Attempt ALL questions.
- SECTION B (30 MARKS): Attempt TWO questions from this section.
- Begin each question on a new page in the answer booklet.



SECTION A—40 MARKS.

Answer ALL questions in the section A.

1. a) Define the following terms.

I. Consumer rights [1 mark]

II. Consumer responsibility [1 mark]

b) Briefly explain the following types of textiles.

I. Home textiles [2 marks]

II. Smart textiles [2 marks]

III. Technical textiles [2 marks]

IV. Acoustic textiles [2 marks]

2. a) Differentiate between emerging textile technology and textile innovation. [2 marks]

b) Describe the three machines and their functions that were invented in 1733 during industrialization of the textile and apparel industry in Europe.

[8 marks]

3. a) Define the term standard specification as used in Textile Testing.

[1 mark]

b) Explain the following current information technologies in textile and Apparel industry

I. CPFR

II. RFID

[6 marks]

c) Define the term waste management and explain the three major activities that are involved in it.

[3 marks]

4. a) Briefly describe microfibre technology.

[5marks]

b) State and explain at least **FIVE** (5) factors that make Kenyaan ideal investment location for the textile industry.

[5 marks]

SECTION B—30 MARKS FOR EACH QUESTION

Answer any **two** questions from this section .Each question carries **fifteen (15) marks**

5. New technologies are coming up in textile and apparel Industry with respect to different types of textiles, finishes, dyeing processes among others. Discuss Nanotechnology as an emerging technology in textile and apparel Industry.

[15 marks]

6. a)The fashion business has become a global phenomenon and it is important for everyone in the textile and apparel Industry to understand all aspects of International Trade. Briefly explain the content of the **RULE OF ORIGIN** under the US free Trade Agreement [FTAS].

[5marks]

b) Computer is an important instrument in textile and apparel Industry. Discuss computer Aided Design and computer Aided manufacture as an improved technology in Textile and Apparel industry

[10 marks]

7. You have been approached by Debra Fashions who want to start a Laundry and Dry cleaning plant in Migori Town for the right processes that should be followed when laundering cloths. Discuss in detail these processes.

[15 marks]

8. The admission of China to the WTO was preceded by a lengthy process of negotiations and required significant changes to the Chinese economy. Discuss the roles of the world trade organization [WTO] in this context. [15 marks]