



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2015/2016

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE
DEGREE OF BACHELOR OF BACHELOR OF ARTS IN APPAREL
DESIGN WITH INFORMATION TECHNOLOGY**

MAIN CAMPUS

ADT 446: PATTERN DRAFTING AND GRADING

Date: 20th April, 2016

Time: 11.00 - 1.00pm

INSTRUCTIONS:

- **Answer ALL Questions in Section A and any other TWO.**

SECTION A: (30 Marks)

Answer ALL Questions in this section

Q1. Define the following terms as used in pattern drafting and grading :

- a) Pattern grading
- b) (i) CAD
(ii) CAM
- c) Screen Pixels
- d) Vectors
- e) Size

(5 marks)

Q2. With the help of Quarter ($1/4$) scales grade a back bodice one up and one down.

(10 marks)

Q3. a) Sketch a garment of your own design.

(5 Marks)

b) Develop using $1/4$ scale slopers from basic block, working pattern and final pattern of the sleeve and trouser/skirt.

(10 Marks)

SECTION B: (20 MARKS)

Answer ANY TWO Questions from section B.

Q4. a) Describe how CAD is used in garment Manufacture.

(5 Marks)

b) Outline Three (3) advantages and Three (3) disadvantages of using CAD systems in garment manufacture.

(5 Marks)

- Q5.** a) State Five (5) reasons for grading patterns. (5 Marks)
- b) Give rules for grading patterns. (5 Marks)
- Q6.** a) Discuss how a marker is made. (5 marks)
- b) Explain the various ways of making markers. (5 marks)