



**MASENO UNIVERSITY**  
**UNIVERSITY EXAMINATIONS 2016/2017**

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR DEGREE  
OF BACHELOR OF ARTS IN INTERIOR DESIGN, TEXTILE AND  
APPAREL DESIGN WITH INFORMATION TECHNOLOGY**

**MAIN CAMPUS**

**ADF 103: APPAREL DESIGN AND CONSTRUCTION**

Date: 9<sup>th</sup> December, 2016

Time: 8.30 - 11.30am

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**INSTRUCTIONS:**

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

**SECTION A (30MARKS)**

**Answer ALL questions in this section in the answer booklets provided.**

1. Define the following terms.

- a) Trimming
- b) Notching
- c) Clipping
- d) Under stitching
- e) Control of fullness

(10mks)

2. a) Differentiate between sewing tools and supplies.

(2mks)

b) Give two (2) major classes of stitches giving examples.

(2mks)

c) Explain three (3) factors to consider when choosing a sewing machine.

(3mks)

3. a) State and explain four(4) factors to be considered when choosing seams.

(4mks)

4. a) Differentiate between pressing and ironing.

(2mks)

b) Explain the functions of the following machine parts.

- i) Feed dog
- ii) Balance wheel

iii) Needle clamp

iv) Spool pin

v) Presser foot

(5mks)

5. (a) Durability of an opening depends on several factors. Explain two of these factors.

(2mks)

**SECTION B. (20 MARKS)**

**Answer any TWO questions from this section in the answer booklets provided.**

6. Using clearly labeled diagrams explain how to make an open seam.

(10mks)

7. Discuss hand sewing under the following headings

- a) Threading tips
- b) Needle choice
- c) Choice of thread
- d) Securing thread at the beginning and the end.

(10mks)

8. Describe ways of ensuring that the sewing machine does not give you the following problems.

- a) Missed stitches
- b) Broken needle

(10mks)

9. Illustrate how to fix a button without a shank using clearly labeled diagrams.

(10mks)