



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

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

**MAIN CAMPUS**

**ADF 201: FABRIC CONSTRUCTION AND FINISHES**

Date: 21<sup>st</sup> November, 2016

Time: 12.00 - 3.00 pm

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**INSTRUCTIONS:**

- This paper contains TWO sections A and B.
- Answer ALL questions from section A in the answer booklet provided.
- Answer ANY THREE questions from section B.



**SECTION A (40 MARKS)**

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

1. Define the following terms used in fabric construction.

- a) Weaving
- b) Shedding
- c) Battening
- d) Picking
- e) Warp
- f) Weft

(6mks)

2 a) outline three (3) advantages of plain woven fabrics.

(3mks)

b) Explain three (3) major variations of a plain weave.

(3mks)

c) Give four (4) reasons as to why twill woven fabrics are popular for men's wear.

(4mks)

3. a) State three (3) factors consumers should consider when selecting weaves.

(3mks)

- b) Describe three (3) methods of making pile woven fabrics. (6mks)
4. a) Explain the difference between external and internal finishes. (2mks)
- b) Classify fabric construction methods. (10mks)
- c) Give three (3) reasons why knitting is the second common methods of fabric construction. (3mks)

**SECTION B. (30 MARKS)**

**Answer any three (3) questions from this section.**

5. Compare and contrast knitting and weaving as a method of fabric construction.

(10MKS)

6. Discuss the importance of finishes in fabric construction.

(10mks)

7. Describe how visual design can be achieved in construction of woven fabrics.

(10mks).

8. Analyze five different types of multi-component fabrics.

(10mks)

9. Discuss the desirable finishes for fabric used for upholstery.

(10mks)