



MASENO UNIVERSITY
UNIVERSITY EXAMINATIONS 2016/2017

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

MAIN CAMPUS

ADF 207: FABRIC DESIGN AND PRINT I

Date: 21st November, 2016

Time: 3.30 - 6.30 pm

INSTRUCTIONS:

- This paper contains TWO sections A and B.
- Answer ALL questions from section A in the answer booklet provided.
- Answer question EIGHT (8) and ANY other ONE questions from section B.



ADF 207: FABRIC PRINT AND DESIGN I

SECTION A (30 MARKS)

Answer ALL questions in this section

1. a) Identify various ways in which dyes may be classified. (3mks).
b) Examine any two properties that enable dyes to be usable in colouring . (4mks).
c) Briefly explain the factors that contribute to the rate of dyeing fabrics and fibers. (6mks).
2. Analyse the factors that affect colourfastness of a fabric. 4mks).
3. Outline step by step procedures for producing a batik. (5mks).
4. a) Explain the meaning of transfer printing as used in fabric and print design. (2mks)
b) State the stages under which transfer printing may undergo (4mks).
5. List down materials necessary for construction of screen printing press. (2mks).

SECTION B - 20 MARKS

Answer question **SIX (6)** and any other one question from this section

6. Discuss the characteristics and properties of substantive and azoic dyes in dyeing procedure. (10mks).
7. Critically analyze the following in screen printing production.
 - a) Procedures. (6mks).
 - b) Advantages. (4mks).
8. Outline any TEN (10) safety precautions that must be adhered to in Fabric printing studio. (10mks)