



MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

SECOND YEAR FIRST SEMESTER EXAMINATION FOR DIPLOMA IN FASHION
DESIGN AND MARKETING

FDD 212: SURFACE DECORATION

DATE: 5/6/2017

TIME: 8.30-10.30 AM

INSTRUCTIONS

This paper consists of five questions

Answer question one and any other Two questions

1. a) Define the following terms
 - i. Printing (1 mark)
 - ii. Tie and dye (1 mark)
 - iii. Mordant (1 mark)
- b) Explain the following methods of printing
 - i. Block printing (2 marks)
 - ii. Resists printing (2 marks)
 - iii. Roller printing (2 marks)
- c) Highlight the process of carrying out the following dyeing methods
 - i. Piece dyeing (2 marks)
 - ii. Yarn dyeing (2 marks)
 - iii. Stock dyeing (2 marks)
- d) Explain five (5) attributes of a good dye. (5marks)

- e) The manager of design creation industry is dyeing cotton fabric using batik procedure
- i. List the equipment and materials he will require (4 marks)
 - ii. Discuss the procedure of batik dyeing (6 marks)
2. Mr Rono is a supervisor in EPZ factory and is in-charge of purchasing dyes. Describe five (5) types of dyes he will need to stock his factory. (10 marks)
3. John works in a garment industry explain any five (5) fabric preparation that need to explain to his staff that should be undertaken on fabric before the dyeing process. (10 marks)
4. a) Jane needs to print uniform for a school. Highlight five properties of a suitable fabric for printing. (5 marks)
- b) Describe the process of crumpling dyeing technique (5 marks)
5. a) Mutua has the skills of surface decoration and has looked for employment but with no success. Highlight five avenues he can explore with this knowledge of surface decoration. (5 marks)
- b) As the head of printing division in an industry explain the process of preparation of a printing screen. (5 marks)