



MACHAKOS UNIVERSITY

University Examinations 2017/2018

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN AND MARKETING

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR
BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFD 404: COMPUTER APPLICATION IN TEXTILES

DATE: 6/12/2017

TIME: 11:00 – 1:00 AM

INSTRUCTIONS

- i. This paper consists of five questions.
- ii. Answer Question 1 and any other Two questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Describe the term CAD (3 marks)
- b) Define the following terms giving an example of each. (6 marks)
 - i. Peripherals
 - ii. Hardware
 - iii. Software
- c) Describe three (3) CAD/CAM modules. (6 marks)
- d) List five (5) types of computer systems used in the textile industry. (5 marks)

QUESTION TWO (20 MARKS)

Describe the application of ICT within the five stages of design in the textile industry citing two examples in each stage. (15 marks)

QUESTION THREE (20 MARKS)

Explain the application of Computer Aided Design (CAD) functions in the following aspects of the textile industry; E-commerce, Record-Keeping and Product Promotion. (15 marks)

QUESTION FOUR (20 MARKS)

Describe the application of ICT, CAD and CAM within the three main phases of the creation of commercial textile products in the world today citing how they have influenced the industry today.

(15 marks)

QUESTION FIVE (20 MARKS)

Explore the application of five (5) major software used in textile and apparel design citing how they influence the textile industry today.

(15 marks)