



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF FASHION DESIGN

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING

HFD 105: INTRODUCTION TO I.T AND CAD FOR TEXTILES

DATE: 24/9/2019

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

This paper consists of **five questions**.

Answer Question 1 and any other **two** questions

Question 1= 20 marks

Question 2-5= 15 marks each

1.
 - a) State 4 (four) advantages of using CAD in textile designing [4 marks]
 - b) Outline 4 (four) applications of CAD in textile designing [4 marks]
 - c) Providing 1 (one) example of each differentiate between computer hardware and computer software [4 marks]
 - d) Explain the difference between multitasking and multiprocessing [2 marks]
 - e) Using 2 (two) examples elaborate on computer peripheral [3 marks]
 - f) Give 3 (three) examples of CAD software used in fashion and textile [3 marks]
2.
 - a) Discuss why you would use a digital camera for fashion photography [7 marks]
 - b) Outline 3 (three) different image formats used to save digital photos [6 marks]

- c) Briefly explain pixelation in relation to digital photography [2 marks]
3. Discuss the 3 (three) principles of 3D body scanning system technologies [15 marks]
4. Explain how as a fashion designer you would employ CAD to produce and market your creations from concept to final product [15 marks]
5. Explore with upcoming fashion designers 3 (three) applications of 3 D body scanning in the fashion industry [15 marks]