

MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year SCHOOL OF HUMANITIES AND SOCIAL SCIENCES DEPARTMENT OF FASHION DESIGN AND MARKETING FOURTH YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR BACHELOR OF SCIENCE IN FASHION DESIGN AND MARKETING HFM 404: COMPUTER APPLICATION IN TEXTILE

DATE: 18/01/2021 TIME: 2.00-4.00 PM

INSTRUCTIONS:

- i) This paper consists of FIVE questions.
- ii) Answer Question 1 and any other two questions.
- iii) Question 1=20 marks
- iv) Question 2 to 5=15 marks each

QUESTION ONE (20 MARKS)

- a) State the following terms as used in Computer fashion application
 - i. CAD work station (2 marks)
 - ii. CAM (2 marks)
- b) Explain **THREE** (3) fundamental transformation tools used in adobe illustrator by a fashion designer (3 marks)
- c) Give SIX (6) factors to consider when purchasing computer for CAD in fashion (6 marks)
- d) Highlight **TWO** (2) limitations of CAD for drafting patterns (2 marks)
- e) Demonstrate to a group of students FIVE (5) steps of creating a jacket and filling it with a color swatch in Adobe illustrator (5 marks)

QUESTION TWO (20 MARKS)

Describe FIVE elements in the collapsed panel of adobe illustrate that a fashion designer would use to monitor and modify illustrations.

QUESTION THREE (15 MARKS)

Write an essay on why a design company would prefer using CAD pattern drafting over manual drafting

QUESTION FOUR (15 MARKS)

Discuss the application of CAD/CAM in the production phase in garment industry today

QUESTION FIVE (15 MARKS)

Evaluate a range of hardware you would find in a typical CAD workstation