



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 208: COMPUTER AIDED DESIGN

DATE: 30/5/2017

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

This paper consists of five questions

Answer question one and any other Two questions

Use of diagrammatic illustrations is highly encouraged.

1. a) What is C.A.D? (1 mark)
- b) Name the following tools stating their functions as used in adobe illustrator.
 - i.
 - ii.
 - iii.
 - vi.
 - v.(5 marks)
- c) Complete the following acronyms;
 - i. C.A.D.D.
 - ii. C.A.I.D.
 - iii. C.A.A.D.(3 marks)
- d) State the difference between the systems software and application software. (6 marks)
- e) Define the following terms;
 - i. Output.
 - ii. Input.
 - iii. Processing(6 marks)

- g) Briefly describe the main types of production systems. (6 marks)
2. Briefly explain the advantages of CAD over the traditional hand sketching. (20 marks)
3. a) Highlight the principles that should be applied when creating a website. (10 marks)
- b) Describe a
- i. Specification sheet. (5 marks)
 - ii. Design specification sheet. (5 marks)
4. Explain the functions of the following tools and equipment.
- i. Computers.
 - ii. A plotter.
 - iii. A CAM cutting machine.
 - iv. A band saw
 - v. Seam cover. (20 marks)
5. A customer wishes to set up a production workshop to produce uniforms. State and briefly explain the stages that should be included in the production plan. (20 marks)