



# MACHAKOS UNIVERSITY

University Examinations 2021/2022

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ADMINISTRATION

FIRST YEAR FIRST TERM EXAMINATION FOR

CRAFT IN FOOD & BEVERAGE

CRAFT IN GARMENT MAKING

INTRODUCTION TO INFORMATION COMMUNICATION TECHNOLOGY

DATE:

TIME:

---

## INSTRUCTIONS

*Follow instructions given carefully.*

*Answer **question one** and any other two questions*

### QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Describe computers that are classified as a general purpose. (4 marks)
- b) A business organization recently introduced the use of ICT in management of its transactions. Outline:
- (i) **three** positive impacts of using ICT in the business; (3 marks)
  - (ii) **three** challenges that the organization is likely to experience with the use of ICTs in business. (3 marks)
- c) (i) What is the difference between data and information? (2 marks)
- (ii) Describe **four** areas of computer applications. (8 marks)
- d) (i) Describe the fourth-generation computers. (4 marks)
- (ii) Faida has a chain of supermarkets & would like to introduce computers in his operations. Explain **three** possible uses of these computers. (6 marks)

**QUESTION TWO (20 MARKS)**

- a) In respect to computer storage, explain two types of storage. (10 marks)
- b) Differentiate between **RAM** and **ROM**. (10 marks)

**QUESTION THREE (20 marks)**

Explain computers in terms of :

- i. Physical size & processing power
- ii. Processor mode of operation
- iii. Purpose and use
- iv. Functionality

**QUESTION FOUR (20 MARKS)**

- a) Explain what is CPU and its work. (10 marks)
- b) Giving examples, distinguish between output devices and input devices. (10 marks)

**QUESTION FIVE (20 marks)**

- a) Using an illustration, explain how different computer components interact in order to produce meaningful output. (10 marks)
- b) Discuss at least five components of a functional computer system. (10 marks)

**QUESTION SIX (20 marks)**

- a) Describe the fetch-execute cycle. (10 marks)
- b) Discuss at least five benefits that an organization gains by using computers. (10 marks)