



MASINDE MULIRO UNIVERSITY OF SCIENCE AND

TECHNOLOGY (MMUST)

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER EXAMINATIONS

MAIN EXAMINATION

FOR THE CERTIFICATE IN EDUCATION

(EARLY CHILD EDUCATION)

COURSE CODE: ECD 014

COURSE TITLE: TECHNOLOGY APPLICATION IN EDUCATION

DATE: 19/04/2022

TIME: 12:00 – 2:00PM

INSTRUCTION TO CANDIDATES

Answer Question one and any other Two questions

TIME: 2 Hours

MMUST observe ZERO tolerance to examination cheating

Question One (a)

Define the following terms (5 Marks)

- (i) Computer
- (ii) Processing
- (iii) Computer Software
- (iv) Internet
- (v) Data

Question One (b)

(i) Evaluate two categories of computer software (10 Marks)

Question One(c)

Describe the booting process of a computer (5 Marks)

Question One (d)

(i) Highlight functions of a computer (5 marks)

Question One (e)

Outline the steps

- i. Opening documents(2 Marks)
- ii. Saving documents(3 Marks)

Question Two (a)

Discuss components of computer hardware (10 Marks)

Question Two (b)

Evaluate factors to consider when choosing computer hardware (10 Marks)

Question Three

Outline the importance of computer (20 Marks)

Question Four (a)

Evaluate reasons why children like computers (15 Marks)

Question Four (b)

- (i) What is data processing (2 marks)
- (ii) Highlight stages of data processing (3 Marks)