



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

SPECIAL/ SUPPLEMENTARY EXAMINATIONS

FOR THE DIPLOMA IN:

INFORMATION TECHNOLOGY

COURSE CODE: DBT 072

COURSE TITLE: PRINCIPLES OF GREEN ICT.

DATE: TUESDAY 02/08/2022

TIME: 2PM-4:PM

INSTRUCTIONS Answer ALL questions in section A and any THREE in section B;

1 HOUR 30 MINUTES

MMUST observe Zero tolerance to examination cheating

SECTION A: 30 MARKS ANSWER ALL questions

Q1.

- a. What is Green IT? What are the motives behind Green IT practices?
3mks
- b. State five e-waste management policies 10 Mks
- c. What are the standards and policies of green? 10 Mks
- d. Give two ways of disposing ICT equipment 4 Mks
- e. List three ways of how ICT is used to reduce carbon on the environment
3 Mks

SECTION B (40 MKS) Attempt any four questions

- Q2. What are the advantages of reusing equipment? 10 Mks
- Q3. List and explain different steps used to measure your carbon footprint. 10 Mks
- Q4. Explain Any two ways to reduce power usage. 10 Mks
- Q5. Explain Any two low cost devices for checking power on workstations 10 Mks
- Q6. List and explain different phases of product life cycle 10 Mks
- Q7. How is the issue of CO₂ emission dealt in different levels of decision making pyramid? 10 Mks

END

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