



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**(KIBU)**  
**UNIVERSITY EXAMINATION**  
**ACADEMIC YEAR 2020/2021**

**END OF SEMESTER EXAMINATION**  
**FIRST YEAR SECOND SEMESTER**

**MASTER OF SCIENCE IN**  
**(INFORMATION TECHNOLOGY)**

**COURSE CODE: MIT 824N**  
**COURSE TITLE: GREEN COMPUTING**

**DATE: 28/11/2021**      **TIME: 9.00 A.M.-12.00 NOON**

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER  
TWO (2) QUESTIONS**  
**ALL QUESTIONS CARRY 20 MARKS EACH**

KIBU observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over. ➔



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**Knowledge for Development**

1. Discuss the challenges of ICT e-waste management in the East African and Sub-Saharan region **(20 marks)**
2. Discuss the external and organizational drivers clearly explaining the opportunities for Green IT adoption they provided for the education sector in East Africa **(20 marks)**
3. It is evident that overpopulation and climate change have become a reality and are here with us making the earth hard and no longer able to sustain living creatures on it. Discuss the effects that are currently evident and caused by human beings to the environment due to population pressure in East Africa **(20 marks)**
4. Information technology is an energy consumer that the developing nations need to watch if they are to preserve their environment. Discuss. **(20 marks)**
5. Discuss the most important external and internal determinants ICT e-waste management the hospitality industry in East Africa. **(20 marks)**